



MOS Selection Guide

Part No.	Package Type	Configuration	MOSFET Type	V _{DS} (V)	V _{GS} (V)	V _{th} (V)
PWES12D0S2	CSP 6 Pad	Com. Dual	N+N	12	±8	0.4/0.8/1.4
PWES12D0S4	CSP 6 Pad	Com. Dual	N+N	12	±8	0.4/0.8/1.4
PWET12D0S2	CSP 10 Pad	Com. Dual	N+N	12	±8	0.4/0.8/1.4
PWFB9596	CSP 4ball	Com. Dual	N+N	24	±12	0.4/0.7/1.2
PDEB2310L	DFN2X2-6	Single	N	20	±10	0.3/0.6/1
PDB3912L	DFN2X2-6	Single	N	30	±20	1.2/1.6/2.5
PDB3910L	DFN2X2-6	Single	N	30	±20	1.2/1.8/2.5
PDB49B4L	DFN2X2-6	Single	N	40	20/-12	1.2/1.6/2.5
PDB6988L-5	DFN2X2-6	Single	N	65	20/-12	1.2/1.6/2.5
PDB2309L	DFN2X2-6	Single	P	-20	±10	0.3/0.6/1
PDB3909L	DFN2X2-6	Single	P	-30	±20	1.2/1.6/2.2
PDB3911L	DFN2X2-6	Single	P	-30	±20	1.2/1.6/2.2
PDB4909CL	DFN2X2-6	Single	P	-40	±20	1.2/1.6/2.5
PDB1216E	DFN2X2-6	Com. Dual	N+N	12	±8	0.3/0.6/1
PDB2216S	DFN2X2-6	Dual	N+N	20	±10	0.4/0.6/1
PDB3814S	DFN2X2-6	Dual	N+N	30	±20	1.2/1.5/2.5
PDB0854S	DFN2X2-6	Dual	N+N	100	±20	1.2/1.8/2.5
PMEB08A8S	DFN2X2-6	Dual	N+N	100	±20	1.2/1.8/2.5
PDB2215S	DFN2X2-6	Dual	P+P	-20	±10	0.3/0.6/1
PDB2114S	DFN2X2-6	Dual	N+P	20	±10	0.4/0.6/1
PDB2114S	DFN2X2-6	Dual	N+P	-20	±10	0.4/0.6/1
PDB2116S	DFN2X2-6	Dual	N+P	20	±10	0.3/0.6/1
PDB2116S	DFN2X2-6	Dual	N+P	-20	±10	0.3/0.6/1
PDEB2210Q	DFN2X3-6	Com. Dual	N+N	20	±10	0.3/0.6/1
PDEB2594Q	DFN2X3-6	Com. Dual	N+N	20	±12	0.5/0.65/1.5
PDEB25A6Q	DFN2X3-6	Com. Dual	N+N	20	±12	0.5/0.75/1.5
PMEB2516Q	DFN2X3-6	Com. Dual	N+N	20	±12	0.5/0.72/1.5
PDB2116M	DFN2X3-8	Dual	N+P	20	±10	0.3/0.6/1
PDB2116M	DFN2X3-8	Dual	N+P	-20	±10	0.3/0.6/1
PDB3907Z	DFN3X3	Single	P	-30	±20	1.2/1.6/2.5
PDEB3907Z	DFN3X3	Single	P	-30	±20	1.2/1.6/2.5
PDEB25A6N	DFN3X3	Com. Dual	N+N	20	±12	0.5/0.75/1.5
PDEB2594P	DFN3X3	Com. Dual	N+N	20	±12	0.5/0.65/1.5
PMEB2516P	DFN3X3	Com. Dual	N+N	20	±12	0.5/0.75/1.5
PDB3810H	DFN3X3	Asym. Dual	N+N	30	±20	1.2/1.6/2.5
PDB3006HX4H	DFN5X6	4 IN 1	N+N+N+N	30	±20	1.2/1.6/2.5
PDB3008HX4H	DFN5X6	4 IN 1	N+N+N+N	30	±20	1.2/1.6/2.5
PDB3010HX4H	DFN5X6	4 IN 1	N+N+N+N	30	±20	1.2/1.8/2.5
PDB3012HX4H	DFN5X6	4 IN 1	N+N+N+N	30	±20	1.2/1.6/2.5
PDB3008HF6H	DFN6X6	6 IN 1	N+N+N+N+N+N	30	±20	1.2/1.6/2.5
PDB3012HF6H	DFN6X6	6 IN 1	N+N+N+N+N+N	30	±20	1.2/1.6/2.5
PDB40B8AF6H	DFN10X10	6 IN 1	N+N+N+N+N+N	40	20/-12	2/2.8/4
PDEC3907W	PPAK2X3	Single	P	-30	±20	1.2/1.6/2.5
PDEC2594F	PPAK2X5	Com. Dual	N+N	20	±12	0.5/0.65/1.5
PDC3710LS	PPAK2.8X2.9	Dual	N	30	±20	1.2/1.6/2.5
PDC3710LS	PPAK2.8X2.9	Dual	P	-30	±20	1.2/1.6/2.5
PDC2604Z	PPAK3X3	Single	N	20	±12	0.3/0.65/1
PDC2306AZ	PPAK3X3	Single	N	20	±10	0.3/0.6/1
PDC2306Z	PPAK3X3	Single	N	20	±10	0.3/0.6/1
PDEC2310Z	PPAK3X3	Single	N	20	±10	0.3/0.6/1
PDC2364CZ	PPAK3X3	Single	N	20	±10	0.4/0.6/1
PDC2944CZ-5	PPAK3X3	Single	N	25	±20	1.2/1.6/2.5
PDC2956CZ-5	PPAK3X3	Single	N	25	±20	1.2/1.6/2.5
PDC3904Z	PPAK3X3	Single	N	30	±20	1.2/1.6/2.5
PDC3906Z	PPAK3X3	Single	N	30	±20	1.2/1.6/2.5
PDEC3906Z	PPAK3X3	Single	N	30	±20	1.2/1.6/2.5
PDC3908Z	PPAK3X3	Single	N	30	±20	1.2/1.6/2.5
PDC3908AZ	PPAK3X3	Single	N	30	±20	1.2/1.6/2.5
PDEC3908Z	PPAK3X3	Single	N	30	±20	1.2/1.6/2.5
PDC3910Z	PPAK3X3	Single	N	30	±20	1.2/1.8/2.5
PDC3912Z	PPAK3X3	Single	N	30	±20	1.2/1.6/2.5
PDC3944CZ	PPAK3X3	Single	N	30	±20	1.2/1.6/2.5
PDC3956CZ	PPAK3X3	Single	N	30	±20	1.2/1.6/2.5
PDC3964Z	PPAK3X3	Single	N	30	±20	1/1.6/2.5
PDC3964CZ	PPAK3X3	Single	N	30	±20	1/1.6/2.5
PDC4904Z	PPAK3X3	Single	N	40	±20	1/1.6/2.5
PDC4906Z	PPAK3X3	Single	N	40	±20	1.2/1.8/2.5
PDC4964Z	PPAK3X3	Single	N	40	±20	1.2/1.6/2.5
PDC49B4Z	PPAK3X3	Single	N	40	20/-12	1.2/1.6/2.5
PDC40B4Z	PPAK3X3	Single	N	40	20/-12	1.2/1.6/2.5

PDC6904Z	PPAK3X3	Single	N	60	±20	1.2/1.6/2.2
PDC6906Z	PPAK3X3	Single	N	60	±20	1.2/1.8/2.2
PDC6956Z	PPAK3X3	Single	N	60	±20	1.2/1.6/2.5
PDC6964Z	PPAK3X3	Single	N	60	±20	1.2/1.7/2.5
PDC6982Z-5	PPAK3X3	Single	N	65	20/-12	1/1.6/2.5
PDC6982BZ-5	PPAK3X3	Single	N	65	±20	1/1.6/2.5
PDC6986Z-5	PPAK3X3	Single	N	65	20/-12	1/1.6/2.5
PDC6986BZ-5	PPAK3X3	Single	N	65	±20	1.2/1.6/2.5
PDC6988Z-5	PPAK3X3	Single	N	65	20/-12	1/1.6/2.5
PDC69C6BZ-5	PPAK3X3	Single	N	65	±20	1.2/1.6/2.5
PDC8982BZ	PPAK3X3	Single	N	80	±20	1.2/1.6/2.5
PDC0956Z	PPAK3X3	Single	N	100	±20	1.2/1.6/2.5
PDC0982Z	PPAK3X3	Single	N	100	20/-12	1/1.5/2.5
PDC0982BZ	PPAK3X3	Single	N	100	±20	1.2/1.6/2.5
PDC0986BZ	PPAK3X3	Single	N	100	±20	1.2/1.6/2.5
PDC0988Z	PPAK3X3	Single	N	100	20/-12	1/1.6/2.5
PDC09C6BZ	PPAK3X3	Single	N	100	±20	1.2/1.6/2.5
PDC09C6BHZ	PPAK3X3	Single	N	100	±20	2/3/4
PDC40N11Z-5	PPAK3X3	Single	N	115	20/-12	1.2/1.7/2.5
PDC2603Z	PPAK3X3	Single	P	-20	±12	0.3/0.6/1.0
PDC2305Z	PPAK3X3	Single	P	-20	±10	0.3/0.6/1.0
PDC2363CZ	PPAK3X3	Single	P	-20	±10	0.3/0.6/1.0
PDC3903Z	PPAK3X3	Single	P	-30	±20	1.2/1.6/2.5
PDC3903AZ	PPAK3X3	Single	P	-30	±20	1.2/1.4/2.5
PDC3905Z	PPAK3X3	Single	P	-30	±20	1.2/1.6/2.5
PDC3907Z	PPAK3X3	Single	P	-30	±20	1.2/1.6/2.5
PDEC3907Z	PPAK3X3	Single	P	-30	±20	1.2/1.6/2.5
PDC3963CZ	PPAK3X3	Single	P	-30	±20	1.2/1.6/2.5
PDC4903Z	PPAK3X3	Single	P	-40	±20	1.0/1.6/2.5
PDC4963Z	PPAK3X3	Single	P	-40	±20	1.2/1.6/2.5
PDC6907Z	PPAK3X3	Single	P	-60	±20	1.2/1.6/2.2
PDC02P15Z	PPAK3X3	Single	P	-150	±20	2/3/4
PDEC2210V	PPAK3X3	Dual	N+N	20	±10	0.3/0.6/1
PDEC2210K	PPAK3X3	Com. Dual	N+N	20	±10	0.3/0.6/1
PDC3808V	PPAK3X3	Dual	N+N	30	±20	1.2/1.6/2.5
PDC3810V	PPAK3X3	Dual	N+N	30	±20	1.2/1.8/2.5
PDC3812V	PPAK3X3	Dual	N+N	30	±20	1.2/1.5/2.5
PDC3844CV	PPAK3X3	Dual	N+N	30	±20	1.2/1.6/2.5
PDC0810V	PPAK3X3	Dual	N+N	100	±20	1.2/1.8/2.5
PDC0854V	PPAK3X3	Dual	N+N	100	±20	1.2/1.8/2.5
PDC02N15V	PPAK3X3	Dual	N+N	150	±20	1.2/1.8/2.5
PDC3810H	PPAK3X3	Asym. Dual	N+N	30	±20	1.2/1.6/2.5
PDC2209V	PPAK3X3	Dual	P+P	-20	±10	0.3/0.6/1
PDEC2209K	PPAK3X3	Com. Dual	P+P	-20	±10	0.3/0.6/1
PDC3703V	PPAK3X3	Dual	N+P	30	±20	1.2/1.5/2.5
PDC3703V	PPAK3X3	Dual	N+P	-30	±20	1.2/1.6/2.5
PDC3707CV	PPAK3X3	Dual	N+P	30	±20	1.2/1.5/2.5
PDC3707CV	PPAK3X3	Dual	N+P	-30	±20	1.2/1.6/2.5
PDC3710L	PPAK3X3	Dual	N+P	30	±20	1.2/1.5/2.5
PDC3710L	PPAK3X3	Dual	N+P	-30	±20	1.2/1.5/2.5
PDC3710V	PPAK3X3	Dual	N+P	30	±20	1.2/1.5/2.5
PDC3710V	PPAK3X3	Dual	N+P	-30	±20	1.2/1.5/2.5
PDC3712L	PPAK3X3	Dual	N+P	30	±20	1.2/1.5/2.5
PDC3712L	PPAK3X3	Dual	N+P	-30	±20	1.2/1.5/2.5
PDC3712V	PPAK3X3	Dual	N+P	30	±20	1.2/1.5/2.5
PDC3712V	PPAK3X3	Dual	N+P	-30	±20	1.2/1.5/2.5
PDC2306X	PPAK5X6	Single	N	20	±10	0.3/0.6/1
PDC2364CX	PPAK5X6	Single	N	20	±10	0.4/0.6/1
PDC2602X	PPAK5X6	Single	N	20	±12	0.4/0.6/1
PDC2944CX-5	PPAK5X6	Single	N	25	±20	1.2/1.6/2.5
PDC2956CX-5	PPAK5X6	Single	N	25	±20	1.2/1.6/2.5
PDC3902X	PPAK5X6	Single	N	30	±20	1.2/1.6/2.5
PDC3906X	PPAK5X6	Single	N	30	±20	1/1.6/2.5
PDC3908X	PPAK5X6	Single	N	30	±20	1.2/1.6/2.5
PDC3910X	PPAK5X6	Single	N	30	±20	1.2/1.6/2.5
PDC3944CX	PPAK5X6	Single	N	30	±20	1.2/1.6/2.5
PDC3956CX	PPAK5X6	Single	N	30	±20	1.2/1.6/2.5
PDC3960X	PPAK5X6	Single	N	30	±20	1.2/1.6/2.5
PDC3964X	PPAK5X6	Single	N	30	±20	1.0/1.6/2.5
PDC3984X	PPAK5X6	Single	N	30	±20	1.2/1.6/2.5
PDC3990X	PPAK5X6	Single	N	30	20/-12	1/1.6/2.5
PDC3094X	PPAK5X6	Single	N	30	±20	1/1.6/2.5
PDEC3906X	PPAK5X6	Single	N	30	±20	1/1.6/2.5
PDC3908AX	PPAK5X6	Single	N	30	±20	1.2/1.6/2.5
PDC3056CX	PPAK5X6	Single	N	30	±20	1.2/1.6/2.5
PDEC3096X	PPAK5X6	Single	N	30	±20	1.2/1.6/2.5

PDEC3098X	PPAK5X6	Single	N	30	±20	1.2/1.6/2.5
PDC4902X	PPAK5X6	Single	N	40	±20	1.2/1.6/2.5
PDC4904X	PPAK5X6	Single	N	40	±20	1/1.6/2.5
PDC4906X	PPAK5X6	Single	N	40	±20	1.2/1.6/2.5
PDC4960X	PPAK5X6	Single	N	40	±20	1.2/1.6/2.5
PDC4964X	PPAK5X6	Single	N	40	±20	1.2/1.6/2.5
PMC4996X	PPAK5X6	Single	N	40	±20	1/-/3
PMC4998X	PPAK5X6	Single	N	40	±20	1/-/3
PDC4984X	PPAK5X6	Single	N	40	±20	1.2/1.6/2.5
PDC49B4X	PPAK5X6	Single	N	40	20/-12	1.2/1.6/2.5
PDC40B4X	PPAK5X6	Single	N	40	20/-12	1.2/1.6/2.5
PDC49B8X	PPAK5X6	Single	N	40	20/-12	1.2/1.8/2.5
PDC49B8AX	PPAK5X6	Single	N	40	20/-12	2/2.8/4
PDC40B8AX	PPAK5X6	Single	N	40	20/-12	2/2.8/3.4
PDC6902X	PPAK5X6	Single	N	60	±20	1.2/1.6/2.5
PDC6960X	PPAK5X6	Single	N	60	±20	1.2/1.6/2.5
PDC6966AX	PPAK5X6	Single	N	60	±25	2/3/4
PDC6904X	PPAK5X6	Single	N	60	±20	1.2/1.6/2.5
PDC6964X	PPAK5X6	Single	N	60	±20	1.2/1.8/2.5
PDC6906X	PPAK5X6	Single	N	60	±20	1.2/1.8/2.5
PDC6990BX	PPAK5X6	Single	N	60	20/-12	1.2/1.7/2.5
PDC6974X-5	PPAK5X6	Single	N	65	20/-12	1/1.6/2.5
PDC6976X-5	PPAK5X6	Single	N	65	20/-12	1/1.5/2.5
PDC6976BX-5	PPAK5X6	Single	N	65	±20	1.2/1.6/2.5
PDC6978X-5	PPAK5X6	Single	N	65	20/-12	1/1.5/2.5
PDC6982X-5	PPAK5X6	Single	N	65	20/-12	1/1.6/2.5
PDC6982BX-5	PPAK5X6	Single	N	65	±20	1/1.6/2.5
PDC6986X-5	PPAK5X6	Single	N	65	20/-12	1/1.5/2.5
PDC6986BX-5	PPAK5X6	Single	N	65	±20	1.2/1.6/2.5
PDC6986BHX-5	PPAK5X6	Single	N	65	±20	2/3/4
PDC6988X-5	PPAK5X6	Single	N	65	20/-12	1/1.6/2.5
PDC69C6BX-5	PPAK5X6	Single	N	65	±20	1.2/1.6/2.5
PDC7966X	PPAK5X6	Single	N	75	±25	1.2/1.6/2.5
PDC8974X	PPAK5X6	Single	N	80	20/-12	1.2/1.6/2.5
PDC8974AX	PPAK5X6	Single	N	80	20/-12	2/3/4
PDC8976AX	PPAK5X6	Single	N	80	20/-12	2.5/3.2/4
PDC8982BX	PPAK5X6	Single	N	80	±20	1.2/1.6/2.5
PDC89D8BX	PPAK5X6	Single	N	80	±20	1.2/1.6/2.5
PDC89D8BHX	PPAK5X6	Single	N	80	±20	2/3/4
PDC0902X	PPAK5X6	Single	N	100	±20	1/2/3
PDC0960X	PPAK5X6	Single	N	100	±20	1/1.6/2.5
PDC0964X	PPAK5X6	Single	N	100	±20	1/1.8/2.2
PDC0966X	PPAK5X6	Single	N	100	±20	1/2/3
PDC0974X	PPAK5X6	Single	N	100	20/-12	1/1.6/2.5
PDC0974AX	PPAK5X6	Single	N	100	20/-12	2/2.8/4
PDC0976X	PPAK5X6	Single	N	100	20/-12	1.2/1.6/2.5
PDC0976BX	PPAK5X6	Single	N	100	±20	1.2/1.6/2.5
PDC0976BHX	PPAK5X6	Single	N	100	±20	2/2.8/4
PDC0978X	PPAK5X6	Single	N	100	20/-12	1.2/1.7/2.5
PDC0978BX	PPAK5X6	Single	N	100	±20	1.2/1.6/2.5
PDC0982X	PPAK5X6	Single	N	100	20/-12	1/1.5/2.5
PDC0982BX	PPAK5X6	Single	N	100	±20	1.2/1.6/2.5
PDC0982BHX	PPAK5X6	Single	N	100	±20	2/3/4
PDC0984X	PPAK5X6	Single	N	100	±20	1.2/1.9/2.5
PDC0986BX	PPAK5X6	Single	N	100	±20	1.2/1.6/2.5
PDC0986BHX	PPAK5X6	Single	N	100	±20	2/3/4
PDC0988X	PPAK5X6	Single	N	100	20/-12	1/1.6/2.5
PDC09C6BX	PPAK5X6	Single	N	100	±20	1.2/1.6/2.5
PDC09C6BHX	PPAK5X6	Single	N	100	±20	2/3/4
PDC09D8BX	PPAK5X6	Single	N	100	±20	1.2/1.6/2.5
PDC09D8BHX	PPAK5X6	Single	N	100	±20	2/2.6/4
PDC40N11X-5	PPAK5X6	Single	N	115	20/-12	1.2/1.7/2.5
PDC55N12X	PPAK5X6	Single	N	115	20/-12	1.2/1.8/2.5
PDC85N11X-5	PPAK5X6	Single	N	115	20/-12	1.2/1.8/2.5
PDC30N15X	PPAK5X6	Single	N	150	±25	2/3/4
PDC30N15BHX	PPAK5X6	Single	N	150	±20	2/3/4
PDC60ND15BHX	PPAK5X6	Single	N	150	±20	2/2.6/4
PDC65N15BHX	PPAK5X6	Single	N	150	±20	2/3/4
PMC04N65MX	PPAK5X6	Single	N	650	±30	2.5/3.5/4.5
PDC2601X	PPAK5X6	Single	P	-20	±12	0.4/0.6/1
PDC2363CX	PPAK5X6	Single	P	-20	±10	0.3/0.6/1.0
PDC3901X	PPAK5X6	Single	P	-30	±20	1.2/1.6/2.2
PDC3903X	PPAK5X6	Single	P	-30	±20	1.2/1.6/2.5
PDC3907X	PPAK5X6	Single	P	-30	±20	1.2/1.6/2.2
PDC3907CX	PPAK5X6	Single	P	-30	±20	1.2/1.6/2.5
PDC3959X	PPAK5X6	Single	P	-30	±20	1.2/1.6/2.2

PDC3963CX	PPAK5X6	Single	P	-30	±20	1.2/1.6/2.5
PDC3983X	PPAK5X6	Single	P	-30	±20	1.2/1.6/2.5
PDC4959X	PPAK5X6	Single	P	-40	±20	1.2/1.6/2.5
PDC4963X	PPAK5X6	Single	P	-40	±20	1.2/1.6/2.5
PDC6901X	PPAK5X6	Single	P	-60	±20	1.2/1.6/2.5
PDC6903X	PPAK5X6	Single	P	-60	±20	1.2/1.6/2.5
PDC6905X	PPAK5X6	Single	P	-60	±20	1.2/1.6/2.5
PDC3806T	PPAK5X6	Dual	N+N	30	±20	1/1.6/2.5
PDC3810T	PPAK5X6	Dual	N+N	30	±20	1.2/1.6/2.5
PDC4806T	PPAK5X6	Dual	N+N	40	±20	1/1.6/2.5
PDC6804T	PPAK5X6	Dual	N+N	60	±20	1/1.6/2.5
PDC6886T-5	PPAK5X6	Dual	N+N	60	20/-12	1/1.5/2.5
PDC0810T	PPAK5X6	Dual	N+N	100	±20	1.2/1.8/2.5
PDC0854T	PPAK5X6	Dual	N+N	100	±20	1.2/1.8/2.5
PDC0886BT	PPAK5X6	Dual	N+N	100	±20	1.2/1.5/2.5
PDC0744T	PPAK5X6	Dual	N+P	100	±20	1.2/1.6/2.5
PDC0744T	PPAK5X6	Dual	N+P	-100	±20	1.2/1.5/2.5
PDC3801R	PPAK5X6	Asym. Dual	N+N	30	±20	1/1.6/2.5
PDC3801R	PPAK5X6	Asym. Dual	N+N	30	±20	1/1.6/2.5
PDC3803R	PPAK5X6	Asym. Dual	N+N	30	±20	1/1.6/2.5
PDC3803R	PPAK5X6	Asym. Dual	N+N	30	±20	1/1.6/2.5
PDC4801R	PPAK5X6	Asym. Dual	N+N	40	±20	1/1.6/2.5
PDC4801R	PPAK5X6	Asym. Dual	N+N	40	±20	1/1.6/2.5
PDC3701T	PPAK5X6	Dual	N+P	30	±20	1.2/1.5/2.5
PDC3701T	PPAK5X6	Dual	N+P	-30	±20	1.2/1.6/2.5
PDC3714T	PPAK5X6	Dual	N+P	30	±20	1.2/1.6/2.5
PDC3714T	PPAK5X6	Dual	N+P	-30	±20	1.2/1.6/2.5
PDC3883T	PPAK5X6	Dual	P+P	-30	±20	1/1.6/2.5
PDC4756T	PPAK5X6	Dual	N+P	40	±20	1.2/1.6/2.5
PDC4756T	PPAK5X6	Dual	N+P	-40	±20	1.2/1.5/2.5
PDS2944C-5	SOP8	Single	N	25	±20	1.2/1.6/2.5
PDS2956C-5	SOP8	Single	N	25	±20	1.2/1.6/2.5
PDS3904	SOP8	Single	N	30	±20	1.2/1.6/2.5
PDS3906	SOP8	Single	N	30	±20	1.2/1.6/2.5
PDS3908	SOP8	Single	N	30	±20	1.2/1.6/2.5
PDS3910	SOP8	Single	N	30	±20	1.2/1.8/2.5
PDS3912	SOP8	Single	N	30	±20	1.2/1.6/2
PDS3984	SOP8	Single	N	30	±20	1.2/1.6/2.5
PDS4904	SOP8	Single	N	40	±20	1.2/1.6/2.5
PDS4906	SOP8	Single	N	40	±20	1.2/1.8/2.5
PDS4956	SOP8	Single	N	40	±20	1.2/1.8/2.5
PDS49B4	SOP8	Single	N	40	20/-12	1/1.5/2.5
PDS4910	SOP8	Single	N	40	±20	1.2/1.5/2.5
PDS6960	SOP8	Single	N	60	±20	1.2/1.6/2.5
PDS6966A	SOP8	Single	N	60	±25	2/3/4
PDS6904	SOP8	Single	N	60	±20	1.2/1.6/2.5
PDS6964	SOP8	Single	N	60	±20	1.2/1.6/2.5
PDS6906	SOP8	Single	N	60	±20	1.2/1.6/2.5
PDS6908	SOP8	Single	N	60	±20	1.2/1.7/2.5
PDS6910	SOP8	Single	N	60	±20	1.2/1.8/2.5
PDS6976-5	SOP8	Single	N	65	20/-12	1/1.5/2.5
PDS6976B-5	SOP8	Single	N	65	±20	1.2/1.6/2.5
PDS6982-5	SOP8	Single	N	65	20/-12	1/1.6/2.5
PDS6982B-5	SOP8	Single	N	65	±20	1/1.6/2.5
PDS6986-5	SOP8	Single	N	65	20/-12	1/1.6/2.5
PDS6986B-5	SOP8	Single	N	65	±20	1.2/1.6/2.5
PDS6988-5	SOP8	Single	N	65	20/-12	1/1.6/2.5
PDS69C6B-5	SOP8	Single	N	65	±20	1.2/1.6/2.5
PDS8966A	SOP8	Single	N	80	±25	2/3/4
PDS8982B	SOP8	Single	N	80	±20	1.2/1.6/2.5
PDS0960	SOP8	Single	N	100	±20	1/1.6/2.5
PDS0966	SOP8	Single	N	100	±20	1/2/3
PDS0976	SOP8	Single	N	100	20/-12	1.2/1.6/2.5
PDS0976B	SOP8	Single	N	100	±20	1.2/1.6/2.5
PDS0978	SOP8	Single	N	100	20/-12	1/1.7/2.5
PDS0982	SOP8	Single	N	100	20/-12	1/1.5/2.5
PDS0982B	SOP8	Single	N	100	±20	1.2/1.6/2.5
PDS0986B	SOP8	Single	N	100	±20	1.2/1.6/2.5
PDS0988	SOP8	Single	N	100	20/-12	1/1.5/2.5
PDS09C6B	SOP8	Single	N	100	±20	1.2/1.6/2.5
PDS09C6BH	SOP8	Single	N	100	±20	2/3/4
PDS55N12	SOP8	Single	N	115	20/-12	1.2/1.8/2.5
PDS04N15	SOP8	Single	N	150	±20	2/3/4
PDS04N15BH	SOP8	Single	N	150	±20	2/3/4
PDS2305	SOP8	Single	P	-20	±10	0.3/0.6/1
PDS2603	SOP8	Single	P	-20	±12	0.3/0.6/1

PDS3903	SOP8	Single	P	-30	±20	1.0/1.6/2.5
PDS3905	SOP8	Single	P	-30	±20	1.0/1.6/2.5
PDS3907	SOP8	Single	P	-30	±20	1.0/1.6/2.5
PDS3909	SOP8	Single	P	-30	±20	1.2/1.5/2.5
PDS3911	SOP8	Single	P	-30	±20	1.0/1.6/2.5
PDS3959	SOP8	Single	P	-30	±20	1.2/1.6/2.2
PDS3963C	SOP8	Single	P	-30	±20	1.2/1.6/2.5
PDS3983	SOP8	Single	P	-30	±20	1/1.6/2.5
PDES3991	SOP8	Single	P	-30	±20	1.2/1.6/2.5
PDS4903	SOP8	Single	P	-40	±20	1.0/1.6/2.5
PDS4909	SOP8	Single	P	-40	±20	1.2/1.6/2.5
PDS6903	SOP8	Single	P	-60	±20	1.0/1.6/2.5
PDS6905	SOP8	Single	P	-60	±20	1.2/1.6/2.2
PDS6907	SOP8	Single	P	-60	±20	1.2/1.6/2.2
PDS0903	SOP8	Single	P	-100	±20	1.2/1.6/2.5
PDS0905	SOP8	Single	P	-100	±20	1.2/1.6/2.5
PDS3808	SOP8	Dual	N+N	30	±20	1.2/1.6/2.5
PDS3810	SOP8	Dual	N+N	30	±20	1.2/1.8/2.5
PDS3812	SOP8	Dual	N+N	30	±20	1.2/1.8/2.5
PDS3816	SOP8	Dual	N+N	30	±20	1.2/1.5/2.2
PDS4806	SOP8	Dual	N+N	40	±20	1.2/1.8/2.5
PDS4810	SOP8	Dual	N+N	40	±20	1.2/1.6/2.5
PDS4812	SOP8	Dual	N+N	40	±20	1.2/1.5/2.5
PDS4856	SOP8	Dual	N+N	40	±20	1.2/1.8/2.5
PDS6806	SOP8	Dual	N+N	60	±20	1.2/1.8/2.5
PDS6808	SOP8	Dual	N+N	60	±20	1.2/1.7/2.5
PDS6810	SOP8	Dual	N+N	60	±20	1.2/1.8/2.5
PDS3805	SOP8	Dual	P+P	-30	±20	1.2/1.6/2.5
PDS3807	SOP8	Dual	P+P	-30	±20	1.2/1.6/2.5
PDS4843	SOP8	Dual	P+P	-40	±20	1.2/1.8/2.5
PDS6809	SOP8	Dual	P+P	-60	±20	1.2/1.5/2.5
PDS6811	SOP8	Dual	P+P	-60	±20	1.2/1.8/2.5
PDS3710	SOP8	Dual	N+P	30	±20	1.2/1.6/2.5
PDS3710	SOP8	Dual	N+P	-30	±20	1/1.6/2.5
PDS3712	SOP8	Dual	N+P	30	±20	1.2/1.5/2.5
PDS3712	SOP8	Dual	N+P	-30	±20	1.2/1.6/2.5
PDS4701	SOP8	Dual	N+P	40	±20	1/1.8/2.5
PDS4701	SOP8	Dual	N+P	-40	±20	1/1.6/2.5
PDS6701	SOP8	Dual	N+P	60	±20	1.2/1.6/2.5
PDS6701	SOP8	Dual	N+P	-60	±20	1.2/1.6/2.5
PDS6708	SOP8	Dual	N+P	60	±20	1.2/1.6/2.5
PDS6708	SOP8	Dual	N+P	-60	±20	1.2/1.6/2.5
PDS6710	SOP8	Dual	N+P	60	±20	1.2/1.8/2.5
PDS6710	SOP8	Dual	N+P	-60	±20	1.0/1.6/2.5
PDS0888	SOP8	Dual	N+N	100	20/-12	1.2/1.5/2.5
PDS0744	SOP8	Dual	N+P	100	±20	1.2/1.6/2.5
PDS0744	SOP8	Dual	N+P	-100	±20	1.2/1.6/2.5
PDL6910	SOT223	Single	N	60	±20	1.2/1.8/2.5
PDL6912	SOT223	Single	N	60	±20	1.2/1.8/2.5
PDL0906	SOT223	Single	N	100	±20	1.2/1.6/2.5
PDL0910	SOT223	Single	N	100	±20	1.2/1.6/2.5
PDL0954	SOT223	Single	N	100	±20	1.2/1.8/2.5
PDL0956	SOT223	Single	N	100	±20	1.2/1.6/2.5
PDL03N20	SOT223	Single	N	200	±20	3/4/5
PDL10N20	SOT223	Single	N	200	±30	3/4/5
PML01N60M	SOT223	Single	N	600	±30	2/3/4
PDL3907	SOT223	Single	P	-30	±20	1.2/1.6/2.5
PDL3911	SOT223	Single	P	-30	±20	1.2/1.6/2.2
PDL6909	SOT223	Single	P	-60	±20	1/1.6/2.5
PDL0905	SOT223	Single	P	-100	±20	1.2/1.6/2.2
PDN0988	SOT23	Single	N	100	20/-12	1/1.5/2.5
PDN2307	SOT23	Single	P	-20	±10	0.3/0.6/1
PDN2309	SOT23	Single	P	-20	±10	0.3/0.6/1
PDN3643	SOT23	Single	P	-30	±12	0.5/0.7/1
PDN6909	SOT23	Single	P	-60	±20	1.2/1.6/2.5
PDN2312S	SOT23-3S	Single	N	20	±10	0.3/0.6/0.8
PDN2314S	SOT23-3S	Single	N	20	±10	0.4/0.6/0.8
PDN2316S	SOT23-3S	Single	N	20	±10	0.3/0.6/1
PDN2318S	SOT23-3S	Single	N	20	±10	0.3/0.5/1
PDEN2320S	SOT23-3S	Single	N	20	±8	0.3/0.6/1
PDN3612S	SOT23-3S	Single	N	30	±12	0.4/0.6/0.9
PDN3616S	SOT23-3S	Single	N	30	±12	0.5/0.8/1.2
PDN3912S	SOT23-3S	Single	N	30	±20	1.2/1.6/2.5
PDN3914S	SOT23-3S	Single	N	30	±20	1.0/1.6/2.5
PDN3916S	SOT23-3S	Single	N	30	±20	1.0/1.5/2.2
PDN4912S	SOT23-3S	Single	N	40	±20	1.2/1.6/2.5

PDN6912S	SOT23-3S	Single	N	60	±20	1.2/1.8/2.5
PDEN69A8S	SOT23-3S	Single	N	60	±20	1/1.8/2.5
PDEN2N7002S	SOT23-3S	Single	N	60	±20	1/1.8/2.5
PDN0910S	SOT23-3S	Single	N	100	±20	1.2/1.8/2.5
PDN0954S	SOT23-3S	Single	N	100	±20	1.2/1.8/2.5
PDEN09A8S	SOT23-3S	Single	N	100	±20	1.5/2/3
PDN2309S	SOT23-3S	Single	P	-20	±10	0.3/0.6/1
PDN2311S	SOT23-3S	Single	P	-20	±10	0.3/0.6/0.8
PDN2313S	SOT23-3S	Single	P	-20	±10	0.4/0.6/0.8
PDN2315S	SOT23-3S	Single	P	-20	±10	0.3/0.6/1
PDEN2301S	SOT23-3S	Single	P	-20	±10	0.3/0.6/1
PDN2317S	SOT23-3S	Single	P	-20	±10	0.3/0.6/1
PDEN2423S	SOT23-3S	Single	P	-20	±10	0.3/0.6/1
PDEN2309S	SOT23-3S	Single	P	-30	±25	1.2/1.6/2.2
PDEN3609S	SOT23-3S	Single	P	-30	±12	0.5/0.7/1.2
PDN3611S	SOT23-3S	Single	P	-30	±12	0.4/0.7/0.9
PDEN3619S	SOT23-3S	Single	P	-30	±12	0.5/0.7/1.2
PDN3909S	SOT23-3S	Single	P	-30	±20	1.2/1.6/2.2
PDN3911S	SOT23-3S	Single	P	-30	±20	1.2/1.6/2.2
PDN3913S	SOT23-3S	Single	P	-30	±20	1.2/1.6/2.2
PDN3915S	SOT23-3S	Single	P	-30	±20	1.2/1.6/2.2
PDN4911S	SOT23-3S	Single	P	-40	±20	1/1.65/2.5
PDN49C3S	SOT23-3S	Single	P	-40	±20	1.2/1.8/2.5
PDN6911S	SOT23-3S	Single	P	-60	±20	1.2/1.9/2.5
PDEN69A7S	SOT23-3S	Single	P	-60	±20	1.2/1.7/2.5
PMEN2P7002S	SOT23-3S	Single	P	-60	±20	1/1.5/2
PDN0953S	SOT23-3S	Single	P	-100	±20	1.2/1.8/2.5
PDN02N15S	SOT23-3S	Single	N	150	±20	2/3/4
PDN02P15S	SOT23-3S	Single	P	-150	±20	2/3/4
PDQ2314	SOT23-6L	Single	N	20	±10	0.4/0.6/0.8
PDQ3910	SOT23-6L	Single	N	30	±20	1.2/1.6/2.5
PDQ3912	SOT23-6L	Single	N	30	±20	1.2/1.6/2.5
PDQ4912	SOT23-6L	Single	N	40	±20	1.2/1.6/2.5
PDQ6912	SOT23-6L	Single	N	60	±20	1.2/1.8/2.5
PDQ0956	SOT23-6L	Single	N	100	±20	1.2/1.7/2.5
PDQ02N15	SOT23-6L	Single	N	150	±20	2/3/4
PDQ2307	SOT23-6L	Single	P	-20	±10	0.3/0.6/1
PDQ2309	SOT23-6L	Single	P	-20	±10	0.3/0.6/1
PDEQ2309	SOT23-6L	Single	P	-20	±10	0.3/0.6/1
PDQ2313	SOT23-6L	Single	P	-20	±10	0.4/0.6/0.8
PDQ2609	SOT23-6L	Single	P	-20	±12	0.5/0.8/1.1
PDQ3907	SOT23-6L	Single	P	-30	±20	1/1.6/2.5
PDQ3909	SOT23-6L	Single	P	-30	±20	1.2/1.6/2.2
PDQ3911	SOT23-6L	Single	P	-30	±20	1.2/1.6/2.2
PDQ6909	SOT23-6L	Single	P	-60	±20	1/1.6/2.5
PDQ2214Z	SOT23-6L	Dual	N+N	20	±10	0.4/0.6/0.8
PDQ2218	SOT23-6L	Dual	N+N	20	±10	0.3/0.5/1
PDQ2116	SOT23-6L	Dual	N+P	20	±10	0.3/0.6/1
PDQ2116	SOT23-6L	Dual	N+P	-20	±10	0.3/0.6/1
PDQ3714	SOT23-6L	Dual	N+P	30	±20	1.2/1.6/2.5
PDQ3714	SOT23-6L	Dual	N+P	-30	±20	1.2/1.6/2.2
PDQ2215	SOT23-6L	Dual	P+P	-20	±10	0.3/0.6/1
PDQ0854-R	SOT23-6L-R	Dual	N+N	100	±20	1.2/1.8/2.5
PDEU2320Z	SOT323	Single	N	20	±8	0.3/0.6/1
PDU3616Z	SOT323	Single	N	30	±12	0.5/0.8/1.2
PDEU3620Z	SOT323	Single	N	30	±12	0.5/0.8/1.2
PDEU69A8Z	SOT323	Single	N	60	±20	1.2/2.1/3
PDU2315Z	SOT323	Single	P	-20	±10	0.3/0.6/1
PDEU2319Z	SOT323	Single	P	-20	±8	0.3/0.6/1
PDEU3619Z	SOT323	Single	P	-30	±12	0.5/0.7/1.2
PDU3915Z	SOT323	Single	P	-30	±20	1.2/1.6/2.2
PDV3916Z	SOT363	Single	N	30	±20	1/1.5/2.2
PDEV2220Z	SOT363	Dual	N+N	20	±8	0.3/0.6/1
PDEV3520Z	SOT363	Dual	N+N	30	±12	0.5/0.7/1.2
PDEV68A8Z	SOT363	Dual	N+N	60	±20	1.2/2/2.5
PDEV2219Z	SOT363	Dual	P+P	-20	±8	0.3/0.6/1
PDEV2120Z	SOT363	Dual	N+P	20	±8	0.3/0.6/1
PDEV2120Z	SOT363	Dual	N+P	-20	±8	0.3/0.6/1
PDEU2320Y	SOT523	Single	N	20	±8	0.3/0.6/1
PDEU3620Y	SOT523	Single	N	30	±12	0.5/0.8/1.2
PDEU69A8Y	SOT523	Single	N	60	±20	1.2/2/2.5
PDEU2319Y	SOT523	Single	P	-20	±8	0.3/0.6/1
PDEV2220Y	SOT563	Dual	N+N	20	±8	0.3/0.6/1
PDEV2219Y	SOT563	Dual	P+P	-20	±8	0.3/0.6/1
PDEV2120Y	SOT563	Dual	N+P	20	±8	0.3/0.6/1
PDEV2120Y	SOT563	Dual	N+P	-20	±8	0.3/0.6/1

PDEU2320X-P	SOT723	Single	N	20	±8	0.3/05/0.85
PDEU3620X-P	SOT723	Single	N	30	±12	0.5/0.7/1.2
PDEU69A8X-P	SOT723	Single	N	60	±20	1/1.8/2.5
PDEU2319X-P	SOT723	Single	P	-20	±8	0.3/0.7/1
PDEU3619X-P	SOT723	Single	P	-30	±12	0.5/0.7/1.2
PDEU2320W	SOT883	Single	N	20	±8	0.3/0.7/1
PDEU3620W	SOT883	Single	N	30	±12	0.5/0.8/1.2
PDEU69A8W	SOT883	Single	N	60	±20	1.2/2/2.5
PDEU2319W	SOT883	Single	P	-20	±8	0.3/0.7/1
PDK2314	SOT89	Single	N	20	±10	0.4/0.6/1
PDK3612	SOT89	Single	N	30	±12	0.4/0.6/1
PDK3908	SOT89	Single	N	30	±20	1.2/1.6/2.5
PDK3912	SOT89	Single	N	30	±20	1.2/1.6/2.2
PDK6912	SOT89	Single	N	60	±20	1.2/1.8/2.5
PDK0954	SOT89	Single	N	100	±20	1.2/1.8/2.5
PDK3911	SOT89	Single	P	-30	±20	1/1.6/2.5
PDEV2220V	SOT963	Dual	N+N	20	±8	0.3/0.6/1
PDT150N15BH	TOLL	Single	N	150	±20	2/3/4
PDP3902	TO220	Single	N	30	±20	1.2/1.6/2.5
PDP3904	TO220	Single	N	30	±20	1.2/1.6/2.5
PDP3908	TO220	Single	N	30	±20	1/1.6/2.5
PDP3960	TO220	Single	N	30	±20	1.2/1.6/2.5
PDP3984	TO220	Single	N	30	±20	1.2/1.5/2.5
PDP4902	TO220	Single	N	40	±20	1.2/1.6/2.5
PDP4904	TO220	Single	N	40	±20	1.2/1.6/2
PDP4960	TO220	Single	N	40	±20	1.2/1.6/2.5
PDP4970	TO220	Single	N	40	±20	1.5/2.5/3.5
PDP4984	TO220	Single	N	40	±20	1.2/1.6/2.5
PDP49B8A	TO220	Single	N	40	20/-12	2/2.8/4
PDP40B8A	TO220	Single	N	40	20/-12	2/2.8/4
PDP6902	TO220	Single	N	60	±20	1/1.6/2.2
PDP6904	TO220	Single	N	60	±20	1.2/1.6/2.5
PDP6906	TO220	Single	N	60	±20	1.2/1.8/2.5
PDP6908	TO220	Single	N	60	±20	1.2/1.7/2.5
PDP6910	TO220	Single	N	60	±20	1.2/1.8/2.5
PDP6960	TO220	Single	N	60	±20	1.2/1.6/2.5
PDP6966A	TO220	Single	N	60	±25	2.5/3/4
PDP6970	TO220	Single	N	60	±20	1.5/2.3/3.5
PDP6990B	TO220	Single	N	60	±20	1.2/1.6/2.5
PDP6974-5	TO220	Single	N	65	20/-12	1.2/1.6/2.5
PDP6974A-5	TO220	Single	N	65	20/-12	1.2/1.6/2.5
PDP6976-5	TO220	Single	N	65	20/-12	1.2/1.6/2.5
PDP6976BH-5	TO220	Single	N	65	±20	2/2.8/4
PDP6980-5	TO220	Single	N	65	20/-12	1.2/1.6/2.5
PDP6982-5	TO220	Single	N	65	20/-12	1.2/1.6/2.5
PDP6982A-5	TO220	Single	N	65	20/-12	1.2/1.6/2.5
PDP6982B-5	TO220	Single	N	65	±20	1.2/1.6/2.5
PDP6982BH-5	TO220	Single	N	65	±20	2/3/4
PDP6986BH-5	TO220	Single	N	65	±20	2/3/4
PDP69C6B-5	TO220	Single	N	65	±20	1.2/1.6/2.5
PDP8902	TO220	Single	N	80	±20	1/2/3
PDP8966A	TO220	Single	N	80	±25	2/3/4
PDP8970	TO220	Single	N	80	±20	1.5/2/3.5
PDP8974	TO220	Single	N	80	20/-12	1/1.6/2.5
PDP8974A	TO220	Single	N	80	20/-12	2/3/4
PDP8976A	TO220	Single	N	80	20/-12	2.5/3.3/4
PDP8980	TO220	Single	N	80	20/-12	1/1.6/2.5
PDP8982B	TO220	Single	N	80	±20	1.2/1.6/2.5
PDP89D8B	TO220	Single	N	80	±20	1.2/1.6/2.5
PDP80D8BH	TO220	Single	N	80	±20	2/3/4
PDP0902	TO220	Single	N	100	±20	1/2/3
PDP0904	TO220	Single	N	100	±20	1.2/1.6/2.5
PDP0958A	TO220	Single	N	100	±20	2/3/4
PDP0966	TO220	Single	N	100	±20	1/2/3
PDP0966A	TO220	Single	N	100	±20	2/ - /4
PDP0970	TO220	Single	N	100	±20	1.5/2.5/3.5
PDP0974	TO220	Single	N	100	20/-12	1/1.6/2.5
PDP0074	TO220	Single	N	100	20/-12	1/1.5/2.5
PDP0974A	TO220	Single	N	100	20/-12	2/3/4
PDP0976	TO220	Single	N	100	20/-12	1/1.6/2.5
PDP0976A	TO220	Single	N	100	20/-12	2/2.5/4
PDP0976B	TO220	Single	N	100	±20	1.2/1.6/2.5
PDP0976BH	TO220	Single	N	100	±20	2/2.8/4
PDP0978	TO220	Single	N	100	20/-12	1/1.5/2.5
PDP0980	TO220	Single	N	100	20/-12	1.2/1.8/2.5
PDP0080	TO220	Single	N	100	20/-12	1/1.5/2.5

PDP0980A	TO220	Single	N	100	20/-12	2/3/4
PDP0982	TO220	Single	N	100	20/-12	1/1.5/2.5
PDP0982B	TO220	Single	N	100	+20	1.2/1.6/2.5
PDP0982BH	TO220	Single	N	100	+20	2/3/4
PDP0986BH	TO220	Single	N	100	+20	2/3/4
PDP09C2B	TO220	Single	N	100	+20	1.2/1.6/2.5
PDP09C2BH	TO220	Single	N	100	+20	2/2.7/4
PDP09C6BH	TO220	Single	N	100	+20	2/3/4
PDP09D8BH	TO220	Single	N	100	+20	2/2.6/4
PDP00D8BH	TO220	Single	N	100	+20	2/2.6/4
PDP40N11-5	TO220	Single	N	115	20/-12	1.2/1.7/2.5
PDP55N12	TO220	Single	N	115	20/-12	1.2/1.8/2.5
PDP85N11-5	TO220	Single	N	115	20/-12	1.2/1.8/2.5
PDP30N15	TO220	Single	N	150	+25	2/3/4
PDP80N15	TO220	Single	N	150	+20	1.5/2.3/3.5
PDP30N15BH	TO220	Single	N	150	+20	2/3/4
PDP60ND15BH	TO220	Single	N	150	+20	2/3/4
PDP65N15BH	TO220	Single	N	150	+20	2/3/4
PDP150N15BH	TO220	Single	N	150	+20	2/2.8/4
PMP18N20M	TO220	Single	N	200	+30	1.2/1.6/2.5
PDP20N20	TO220	Single	N	200	+30	3/4/5
PMP30N20M	TO220	Single	N	200	+20	1/1.8/3
PDP50N20	TO220	Single	N	200	+20	1.5/2.2/3
PMP09N20M	TO220	Single	N	200	+20	1/-/3
PDP2363C	TO220	Single	P	-20	+10	0.3/0.6/1.0
PMP05N50M	TO220	Single	N	500	+30	2/3/4
PMP09N50M	TO220	Single	N	500	+30	2/3/4
PMP13N50M	TO220	Single	N	500	+30	2/3/4
PMP18N50P	TO220	Single	N	500	+30	2.5/3.5/4.5
PMP10N60M	TO220	Single	N	600	+30	2/3/4
PMP08N60M	TO220	Single	N	600	+30	2/3/4
PMP09N60M	TO220	Single	N	600	+30	2/2.8/4
PJP25N60S	TO220	Single	N	600	+20	2/3/4
PMP04N65M	TO220	Single	N	650	+30	2.5/3.5/4.5
PMP08N65M	TO220	Single	N	650	+30	2/3/4
PMP10N65M	TO220	Single	N	650	+30	2/3/4
PJP08N65N	TO220	Single	N	650	+30	2/3/4
PJP11N65N	TO220	Single	N	650	+30	2/3/4
PJP14N65N	TO220	Single	N	650	+30	2/3/4
PJP20N65N	TO220	Single	N	650	+30	2/3/4
PDP3901	TO220	Single	P	-30	+20	1.2/1.6/2.5
PDP3903	TO220	Single	P	-30	+20	1.2/1.6/2.5
PDP3959	TO220	Single	P	-30	+20	1.2/1.6/2.2
PDP4903	TO220	Single	P	-40	+20	1.2/1.6/2.5
PDP6901	TO220	Single	P	-60	+20	1.2/1.6/2.2
PDP6905	TO220	Single	P	-60	+20	1.2/1.6/2.2
PDP6965A	TO220	Single	P	-60	+20	2/3/4
PDP6907	TO220	Single	P	-60	+25	1.2/1.6/2.2
PDP0959	TO220	Single	P	-100	+20	1.2/ - /2.5
PDP0903	TO220	Single	P	-100	+25	1.2/1.6/2.2
PDP0905	TO220	Single	P	-100	+20	1/ - /3
PDF3904	TO220F	Single	N	30	+20	1.2/1.6/2.5
PDF3901	TO220F	Single	P	-30	+20	1.2/1.6/2.5
PDF4984	TO220F	Single	N	40	+20	1.2/1.6/2.5
PDF6904	TO220F	Single	N	60	+20	1.2/1.6/2.5
PDF6906	TO220F	Single	N	60	+20	1.2/1.8/2.5
PDF6908	TO220F	Single	N	60	+20	1.2/1.7/2.5
PDF6960	TO220F	Single	N	60	+20	1.2/1.6/2.5
PDF6966A	TO220F	Single	N	60	+25	2.5/3/4
PDF6974-5	TO220F	Single	N	65	20/-12	1.2/1.6/2.5
PDF6980-5	TO220F	Single	N	65	20/-12	1.2/1.6/2.5
PDF6976BH-5	TO220F	Single	N	65	+20	2/2.8/4
PDF6982BH-5	TO220F	Single	N	65	+20	2/3/4
PDF6986BH-5	TO220F	Single	N	65	+20	2/3/4
PDF8974	TO220F	Single	N	80	20/-12	1/1.6/2.5
PDF8980	TO220F	Single	N	80	20/-12	1/1.6/2.5
PDF0904	TO220F	Single	N	100	+20	1.2/1.6/2.5
PDF0956	TO220F	Single	N	100	+20	1.2/1.6/2.5
PDF0974	TO220F	Single	N	100	20/-12	1.2/1.8/2.5
PDF0976	TO220F	Single	N	100	20/-12	1/1.6/2.5
PDF0978	TO220F	Single	N	100	20/-12	1/1.5/2.5
PDF0980	TO220F	Single	N	100	20/-12	1.2/1.8/2.5
PDF0982BH	TO220F	Single	N	100	+20	2/3/4
PDF09C2BH	TO220F	Single	N	100	+20	2/2.5/4
PDF40N11-5	TO220F	Single	N	115	20/-12	1.2/1.7/2.5
PDF55N12	TO220F	Single	N	115	20/-12	1.2/1.8/2.5

PDF85N11-5	TO220F	Single	N	115	20/-12	1.2/1.8/2.5
PDF80N15	TO220F	Single	N	150	±20	1.5/2.3/3.5
PDF150N15BH	TO220F	Single	N	150	±20	2/2.8/4
PMF18N20M	TO220F	Single	N	200	±30	1.2/1.6/2.5
PDF20N20	TO220F	Single	N	200	±30	3/4/5
PDF50N20	TO220F	Single	N	200	±20	1.5/2.2/3
PMF18N50T	TO220F	Single	N	500	±30	2/3/4
PMF13N50M	TO220F	Single	N	500	±30	2/3/4
PMF09N50M	TO220F	Single	N	500	±30	2/3/4
PMF05N50M	TO220F	Single	N	500	±30	2/3/4
PMF08N60M	TO220F	Single	N	600	±30	2/3/4
PMF09N60M	TO220F	Single	N	600	±30	2/2.8/4
PMF10N60M	TO220F	Single	N	600	±30	2/3/4
PJF25N60S	TO220F	Single	N	600	±20	2/3/4
PJF30N60S	TO220F	Single	N	600	±20	2/3/4
PMF02N65M	TO220F	Single	N	650	±30	2.5/3.5/4.5
PMF04N65P	TO252	Single	N	650	±30	2.5/3.5/4.5
PMF04N65M	TO220F	Single	N	650	±30	2.5/3.5/4.5
PMF08N65M	TO220F	Single	N	650	±30	2/3/4
PMF09N65M	TO220F	Single	N	650	±30	2/3/4
PMF10N65M	TO220F	Single	N	650	±30	2/3/4
PMF12N65P	TO220F	Single	N	650	±30	2.5/3.5/4.5
PMF12N65M	TO220F	Single	N	650	±30	2/3/4
PJF08N65N	TO220F	Single	N	650	±30	2/3/4
PJF11N65N	TO220F	Single	N	650	±30	2/3/4
PJF14N65N	TO220F	Single	N	650	±30	2/3/4
PJF20N65N	TO220F	Single	N	650	±30	2/3/4
PMF08N70M	TO220F	Single	N	700	±30	2/3/4
PDF02N150	TO220F	Single	N	1500	±30	2/3.2/5
PDF4963	TO220F	Single	P	-40	±20	1.2/1.6/2.5
PDF6901	TO220F	Single	P	-60	±20	1.2/1.6/2.5
PDF6905	TO220F	Single	P	-60	±20	1.2/1.6/2.2
PDF6907	TO220F	Single	P	-60	±25	1.2/1.6/2.2
PDF0903	TO220F	Single	P	-100	±25	1.2/1.6/2.2
PDY02N150F	TO-3PF	Single	N	1500	±30	2/3.2/5
PDX4970	TO247	Single	N	40	±20	1.5/2.5/3.5
PDX6974	TO247	Single	N	60	20/-12	1.2/1.6/2.5
PMX100N06T	TO247	Single	N	60	±20	2/-/4
PDX8970	TO247	Single	N	80	±20	1.5/2.2/3.5
PDX89D8BH	TO247	Single	N	80	±20	2/3/4
PDX80D8BH	TO247	Single	N	80	±20	2/3/4
PDX0970	TO247	Single	N	100	±20	1.5/2.5/3.5
PDX0980	TO247	Single	N	100	20/-12	1.2/1.8/2.5
PDX09C2BH	TO247	Single	N	100	±20	2/2.5/4
PDX150N15BH	TO247	Single	N	150	±20	2/3/4
PMX18N50P	TO247	Single	N	500	±30	2.5/3.5/4.5
PJX25N60S	TO247	Single	N	600	±20	2/3/4
PJX30N60S	TO247	Single	N	600	±20	2/3/4
PJX50N60S	TO247	Single	N	600	±20	2/3/4
PJX70N60S	TO247	Single	N	600	±20	2/3/4
PJX20N65N	TO247	Single	N	650	±30	2/3/4
PJX17N80N	TO247	Single	N	800	±30	2/3/4
PDX02N150	TO247	Single	N	1500	±30	2/3.2/5
PDR4906	TO251	Single	N	40	±20	1.2/1.8/2.5
PDR4964	TO251	Single	N	40	±20	1.2/1.6/2.5
PDR6908	TO251	Single	N	60	±20	1.2/1.7/2.5
PDR6912	TO251	Single	N	60	±20	1.2/1.8/2.5
PDR6954	TO251	Single	N	60	±20	1.2/1.6/2.5
PDR6974-5	TO251	Single	N	65	20/-12	1.2/1.6/2.5
PDR6986-5	TO251	Single	N	65	20/-12	1.2/1.6/2.5
PDR69C6B-5	TO251	Single	N	65	±20	1.2/1.6/2.5
PDR8944	TO251	Single	N	80	±20	1.2/1.8/2.5
PDR0906	TO251	Single	N	100	±20	1.2/1.6/2.5
PDR0910	TO251	Single	N	100	±20	1.2/1.8/2.5
PDR0958A	TO251	Single	N	100	±20	2/3/4
PDR0976	TO251	Single	N	100	20/-12	1/1.6/2.5
PDR0976B	TO251	Single	N	100	±20	1.2/1.6/2.5
PDR0978	TO251	Single	N	100	20/-12	1/1.5/2.5
PDR0982B	TO251	Single	N	100	±20	1.2/1.6/2.5
PDR0982BH	TO251	Single	N	100	±20	2/3/4
PDR0986B	TO251	Single	N	100	±20	1.2/1.6/2.5
PDR09C6B	TO251	Single	N	100	±20	1.2/1.6/2.5
PDR40N11-5	TO251	Single	N	115	20/-12	1.2/1.7/2.5
PDR55N12	TO251	Single	N	115	20/-12	1.2/1.8/2.5
PDR85N11-5	TO251	Single	N	115	20/-12	1.2/1.8/2.5
PMR04N65M	TO251	Single	N	650	±30	2.5/3.5/4.5

PMR08N65M	TO251	Single	N	650	±30	2/3/4
PJR08N65N	TO251	Single	N	650	±30	2/3/4
PJR11N65N	TO251	Single	N	650	±30	2/3/4
PMR04N80P	TO251	Single	N	800	±30	2.5/3.4/4.5
PDR6905	TO251	Single	P	-60	±20	1.2/1.6/2.2
PDR6907	TO251	Single	P	-60	±25	1.2/1.6/2.2
PDD2306	TO252	Single	N	20	±10	0.35/0.56/1
PDD2314	TO252	Single	N	20	±10	0.4/0.6/1
PDD2944C-5	TO252	Single	N	25	±20	1.2/1.6/2.5
PDD2956C-5	TO252	Single	N	25	±20	1.2/1.6/2.5
PDD3904C	TO252	Single	N	30	±20	1.2/1.6/2.5
PDD3906	TO252	Single	N	30	±20	1/1.6/2.5
PDD3908	TO252	Single	N	30	±20	1/1.6/2.5
PDD3910	TO252	Single	N	30	±20	1.2/1.8/2.5
PDD3912	TO252	Single	N	30	±20	1.2/1.6/2.5
PDD3956C	TO252	Single	N	30	±20	1.2/1.6/2.5
PDD3960	TO252	Single	N	30	±20	1.2/1.6/2.5
PDD3964	TO252	Single	N	30	±20	1/1.6/2.5
PDD3984	TO252	Single	N	30	±20	1.2/1.5/2.5
PDD3094	TO252	Single	N	30	±20	1.2/1.6/2.5
PDED3096	TO252	Single	N	30	±20	1.2/1.6/2.5
PDED3098	TO252	Single	N	30	±20	1.2/1.6/2.5
PDD4904	TO252	Single	N	40	±20	1.0/1.6/2.5
PDD4906	TO252	Single	N	40	±20	1.2/1.8/2.5
PDD4910	TO252	Single	N	40	±20	1.2/1.6/2.5
PDD4912	TO252	Single	N	40	±20	1.2/1.6/2.5
PDD4956	TO252	Single	N	40	±20	1.2/1.8/2.5
PDD4960	TO252	Single	N	40	±20	1.2/1.6/2.5
PDD4964	TO252	Single	N	40	±20	1.2/1.6/2.5
PDD4984	TO252	Single	N	40	±20	1.2/1.6/2.5
PDD49B8A	TO252	Single	N	40	20/-12	2/2.8/4
PDD6902	TO252	Single	N	60	±20	1/1.6/2.5
PDD6904	TO252	Single	N	60	±20	1.2/1.6/2.5
PDD6906	TO252	Single	N	60	±20	1.2/1.8/2.5
PDD6908	TO252	Single	N	60	±20	1.2/1.7/2.5
PDD6910	TO252	Single	N	60	±20	1.2/1.8/2.5
PDD6912	TO252	Single	N	60	±20	1.2/1.8/2.5
PDD6954	TO252	Single	N	60	±20	1.2/1.6/2.5
PDD6960	TO252	Single	N	60	±20	1.2/1.6/2.5
PDD6966A	TO252	Single	N	60	±25	2/3/4
PDD6974-5	TO252	Single	N	65	20/-12	1.2/1.6/2.5
PDD6976-5	TO252	Single	N	65	20/-12	1.2/1.6/2.5
PDD6976B-5	TO252	Single	N	65	±20	1.2/1.6/2.5
PDD6976BH-5	TO252	Single	N	65	±20	2/2.8/4
PDD6982-5	TO252	Single	N	65	20/-12	1.2/1.6/2.5
PDD6982A-5	TO252	Single	N	65	20/-12	2/3/4
PDD6982B-5	TO252	Single	N	65	±20	1.2/1.6/2.5
PDD6986-5	TO252	Single	N	65	20/-12	1.2/1.6/2.5
PDD6986B-5	TO252	Single	N	65	±20	1.2/1.6/2.5
PDD6986BH-5	TO252	Single	N	65	±20	2/3/4
PDD6988-5	TO252	Single	N	65	20/-12	1.2/1.6/2.5
PDD69C6B-5	TO252	Single	N	65	±20	1.2/1.6/2.5
PDD8944	TO252	Single	N	80	±20	1.2/1.8/2.5
PDD8966A	TO252	Single	N	80	±25	2/3/4
PDD8974	TO252	Single	N	80	20/-12	1/1.6/2.5
PDD8982B	TO252	Single	N	80	±20	1.2/1.8/2.5
PDD0904	TO252	Single	N	100	±20	1.2/1.6/2.5
PDD0906	TO252	Single	N	100	±20	1.2/1.6/2.5
PDD0910	TO252	Single	N	100	±20	1.2/1.8/2.5
PDD0956	TO252	Single	N	100	±20	1.2/1.6/2.2
PDD0958A	TO252	Single	N	100	±20	2/3/4
PDD0960	TO252	Single	N	100	±20	1/1.6/2.5
PDD0966	TO252	Single	N	100	±20	1/2/3
PDD0966A	TO252	Single	N	100	±20	2/ - /4
PDD0974A	TO252	Single	N	100	20/-12	2/2.8/4
PDD0976	TO252	Single	N	100	20/-12	1/1.6/2.5
PDD0976B	TO252	Single	N	100	±20	1.2/1.6/2.5
PDD0978	TO252	Single	N	100	20/-12	1/1.5/2.5
PDD0982	TO252	Single	N	100	20/-12	1/1.5/2.5
PDD0982B	TO252	Single	N	100	±20	1.2/1.6/2.5
PDD0984	TO252	Single	N	100	±20	1.2/1.9/2.5
PDD0986B	TO252	Single	N	100	±20	1/1.5/2.5
PDD0988	TO252	Single	N	100	20/-12	1/1.6/2.5
PDD09C6B	TO252	Single	N	100	±20	1.2/1.6/2.5
PDD09C6BH	TO252	Single	N	100	±20	2/3/4
PDD40N11-5	TO252	Single	N	115	20/-12	1.2/1.7/2.5

PDD55N12	TO252	Single	N	115	20/-12	1.2/1.8/2.5
PDD85N11-5	TO252	Single	N	115	20/-12	1.2/1.8/2.5
PDD30N15	TO252	Single	N	150	±25	2/3/4
PDD30N15BH	TO252	Single	N	150	±20	2/3/4
PDD03N20	TO252	Single	N	200	±30	3/4/5
PMD09N20M	TO252	Single	N	200	±20	1/2/3
PDD10N20	TO252	Single	N	200	±30	3/4/5
PMD18N20M	TO252	Single	N	200	±30	1.2/1.6/2.5
PDD20N20	TO252	Single	N	200	±30	3/4/5
PDD2363C	TO252	Single	P	-20	±10	0.3/0.6/1.0
PMD09N50M	TO252	Single	N	500	±30	2/3/4
PMD05N50M	TO252	Single	N	500	±30	2/3/4
PMD04N65P	TO252	Single	N	650	±30	2.5/3.5/4.5
PMD04N65M	TO252	Single	N	650	±30	2.5/3.5/4.5
PMD08N65M	TO252	Single	N	650	±30	2/3/4
PMD08N65P	TO252	Single	N	650	±30	2.5/3.5/4.5
PJD08N65N	TO252	Single	N	650	±30	2/3/4
PJD11N65N	TO252	Single	N	650	±30	2/3/4
PJD14N65N	TO252	Single	N	650	±30	2/3/4
PMD04N70M	TO252	Single	N	700	±30	2/2.8/4
PMD04N80P	TO252	Single	N	800	±30	2.5/3.4/4.5
PDD3901	TO252	Single	P	-30	±20	1.2/1.6/2.5
PDD3903	TO252	Single	P	-30	±20	1.2/1.6/2.5
PDD3907	TO252	Single	P	-30	±20	1.2/1.6/2.5
PDD3911	TO252	Single	P	-30	±20	1/1.6/2.5
PDD3959	TO252	Single	P	-30	±20	1.2/1.6/2.2
PDD4903	TO252	Single	P	-40	±20	1/1.6/2.5
PDD4909	TO252	Single	P	-40	±20	1.2/1.6/2.5
PDD4943	TO252	Single	P	-40	±20	1.2/1.6/2.5
PDD4959	TO252	Single	P	-40	±20	1.2/1.6/2.5
PDD4963	TO252	Single	P	-40	±20	1.2/1.6/2.5
PDD6901	TO252	Single	P	-60	±20	1.2/1.6/2.5
PDD6965A	TO252	Single	P	-60	±20	2/3/4
PDD6965	TO252	Single	P	-60	±20	1/2/3
PDD6903	TO252	Single	P	-60	±20	1/1.6/2.5
PDD6905	TO252	Single	P	-60	±20	1.2/1.6/2.2
PDD6907	TO252	Single	P	-60	±25	1.2/1.6/2.2
PDD6909	TO252	Single	P	-60	±20	1.0/1.6/2.5
PDD6911	TO252	Single	P	-60	±20	1.2/1.6/2.5
PDD6949	TO252	Single	P	-60	±20	1.2/1.6/2.5
PDD0903	TO252	Single	P	-100	±25	1.2/1.6/2.2
PDD0905	TO252	Single	P	-100	±20	1/ - /3
PDD0959	TO252	Single	P	-100	±20	1.2 / - /2.5
PDD3808Z	TO252-4L	Dual	N+N	30	±20	1/1.6/2.5
PDD3710	TO252-4L	Com. Dual	N+P	30	±20	1.2/1.6/2.5
PDD3710	TO252-4L	Com. Dual	N+P	-30	±20	1/1.6/2.5
PDD4701	TO252-4L	Com. Dual	N+P	40	±20	1.2/1.6/2.5
PDD4701	TO252-4L	Com. Dual	N+P	-40	±20	1.2/1.6/2.5
PDD6701	TO252-4L	Com. Dual	N+P	60	±20	1.2/1.6/2.5
PDD6701	TO252-4L	Com. Dual	N+P	-60	±20	1.2/1.6/2.5
PDH3902	TO263	Single	N	30	±20	1.2/1.6/2.5
PDH3960	TO263	Single	N	30	±20	1.2/1.6/2.5
PDH3060	TO263	Single	N	30	±20	1.2/1.6/2.5
PDH4970	TO263	Single	N	40	±20	1.5/2.5/3.5
PDH4960	TO263	Single	N	40	±20	1.2/1.6/2.5
PDH49B8A	TO263	Single	N	40	20/-12	2/2.8/4
PDH6902	TO263	Single	N	60	±20	1/1.6/2.2
PDH6966A	TO263	Single	N	60	±25	2/3/4
PDH6974-5	TO263	Single	N	65	20/-12	1.2/1.6/2.5
PDH6980-5	TO263	Single	N	65	20/-12	1.2/1.6/2.5
PDH6982-5	TO263	Single	N	65	20/-12	1.2/1.6/2.5
PDH6982BH-5	TO263	Single	N	65	±20	2/3/4
PDH8902	TO263	Single	N	80	±20	1.2/1.8/3
PDH8966A	TO263	Single	N	80	±25	2/3/4
PDH8970	TO263	Single	N	80	±20	1.5/2.2/3.5
PDH8974	TO263	Single	N	80	20/-12	1/1.6/2.5
PDH8974A	TO263	Single	N	80	20/-12	2/3/4
PDH8976A	TO263	Single	N	80	20/-12	2.5/3.3/4
PDH8980	TO263	Single	N	80	20/-12	1/1.6/2.5
PDH8080	TO263	Single	N	80	20/-12	1.2/1.6/2.5
PDH89D8B	TO263	Single	N	80	±20	1.2/1.6/2.5
PDH89D8BH	TO263	Single	N	80	±20	2/3/4
PDH80D8BH	TO263	Single	N	80	±20	2/3/4
PDH0958A	TO263	Single	N	100	±20	2/3/4
PDH0966A	TO263	Single	N	100	±20	2/ - /4
PDH0970	TO263	Single	N	100	±20	1.5/2.5/3.5

PDH0974	TO263	Single	N	100	20/-12	1.2/1.8/2.5
PDH0974A	TO263	Single	N	100	20/-12	2/2.8/4
PDH0074	TO263	Single	N	100	20/-12	1/1.5/2.5
PDH0074A	TO263	Single	N	100	20/-12	2/2.6/4
PDH0976BH	TO263	Single	N	100	±20	2/2.8/4
PDH0978BH	TO263	Single	N	100	±20	2/2.6/4
PDH0980	TO263	Single	N	100	20/-12	1.2/1.8/2.5
PDH0980A	TO263	Single	N	100	20/-12	2/3/4
PDH0080	TO263	Single	N	100	20/-12	1/1.5/2.5
PDH0080A	TO263	Single	N	100	20/-12	2/2.5/4
PDH0982BH	TO263	Single	N	100	±20	2/3/4
PDH0986BH	TO263	Single	N	100	±20	2/3/4
PDH09C2B	TO263	Single	N	100	±20	1.2/1.6/2.5
PDH09C2BH	TO263	Single	N	100	±20	2/2.7/4
PDH09C6BH	TO263	Single	N	100	±20	2/3/4
PDH09D8B	TO263	Single	N	100	±20	1.2/1.6/2.5
PDH09D8BH	TO263	Single	N	100	±20	2/2.6/4
PDH00D8BH	TO263	Single	N	100	±20	2/2.6/4
PDH40N11-5	TO263	Single	N	115	20/-12	1.2/1.7/2.5
PDH85N11-5	TO263	Single	N	115	20/-12	1.2/1.8/2.5
PDH30N15BH	TO263	Single	N	150	±20	2/3/4
PDH65N15BH	TO263	Single	N	150	±20	2/3/4
PDH150N15BH	TO263	Single	N	150	±20	2/2.8/4
PDH50N20	TO263	Single	N	200	±20	1.5/2.2/3
PJH14N65N	TO263	Single	N	650	±30	2/3/4
PJH20N65N	TO263	Single	N	650	±30	2/3/4
PDH3901	TO263	Single	P	-30	±20	1.2/1.6/2.5
PDH6901	TO263	Single	P	-60	±20	1.2/1.6/2.5
PDH6001	TO263	Single	P	-60	±20	1.1/1.5/2.5
PDH6903	TO263	Single	P	-60	±20	1/1.6/2.5
PDH0059	TO263	Single	P	-100	±20	1.2/1.6/2.5
PDEW2206	TSSOP8	Dual	N+N	20	±10	0.3/0.6/1
PDEW2210	TSSOP8	Dual	N+N	20	±10	0.3/0.6/1
PDEW25D6	TSSOP8	Dual	N+N	20	±12	0.3/0.6/1

Rds(on) (mΩ) max. at Vgs=				Ciss (pF)	Coss (pF)	Crss (pF)	Qg (nC)		Qgs (nC)	Qgd (nC)
10V	4.5V	2.5V	1.8V				10V	4.5V		
-	2/2.65	3.2/6.2	-	3340	1007	670	-	31	4.3	7.5
-	2.2/2.8	3.1/6.1	-	3340	1007	670	-	31	4.3	7.5
-	2/2.65	3.2/6.2	-	3340	1007	670	-	31	4.3	7.5
-	26/31	37/47	-	-	-	-	10.4	-	0.7	4.3
-	10/13	11.5/15.5	15/21	1020	160	110	-	16.9	1.1	4
15.5/19	20.5/27	-	-	490	80	55	5.2	-	0.6	2
10.2/13	13.3/18	-	-	750	120	90	10.7	-	1.7	2.5
13/16	20/26.5	-	-	450	190	15	5.6	-	0.8	1.8
14.5/17.4	24/31	-	-	653	192	27	10.9	-	1.5	4.4
-	22/28	27/37	33/45	1440	155	115	-	16.1	1.8	3.8
25/30	35/46	-	-	757	122	88	-	8	3.3	2.3
45/55	65/85	-	-	560	55	40	-	5.1	2	2.2
40/48	60/78	-	-	825	68	50	13	-	1.5	3.1
-	19/23	26/34	-	370	60	48	-	7	0.7	1.8
-	28/34	36/47	51/66	280	50	45	-	3.2	0.5	1.3
22/30	35/46	-	-	333	52	43	5.1	-	0.4	2.2
330/390	350/420	-	-	345	9.3	4.3	9	-	2.3	1.1
3400/6000	4000/8000	-	-	34	4	2	0.67	-	0.4	0.1
-	76/90	100/125	131/170	350	65	50	-	4.8	0.5	1.9
-	18/22	23/30	31/40	490	90	70	-	5.3	0.5	1.8
-	41/49	54/70	76/99	540	80	75	-	6.4	0.9	1.6
-	30/40	42/55	55/70	315	50	40	-	5.8	0.6	1.5
-	82/100	125/140	197/230	350	65	50	-	4.8	0.5	1.9
-	11/14	12.5/16	15.5/20	1020	160	110	-	16.9	1.1	4
-	8/9.6	10.5/13.6	-	1514	178	145	-	13.8	2.1	4.5
-	5.6/6.7	7.4/9.6	-	780	237	90	-	19.9	2.3	8.2
-	6/8.2	8.2/11	-	1350	185	160	-	15	2.8	4.4
-	30/40	42/55	55/70	315	50	40	-	5.8	0.6	1.5
-	65/90	85/130	120/180	350	65	50	-	4.8	0.5	1.9
14.5/18	23/30	-	-	1250	160	90	-	11	3.4	4.2
16/20	26/35	-	-	1250	160	90	-	11	3.4	4.2
-	5.1/6.1	6.6/8.8	-	780	237	90	-	19.9	2.3	8.2
-	6.7/8	9.2/12	-	1514	178	145	-	13.8	2.1	4.5
-	5/6	6.5/8.6	-	780	237	90	-	19.9	2.3	8.2
8.5/10.5	11/14	-	-	620	85	60	15.6	-	2.3	3
4.7/5.5	6.3/8.5	-	-	1160	200	180	24.6	-	1.85	6.8
6.5/8	9.5/12	-	-	850	133	78	16.7	-	4.5	1.3
8.4/10.2	11.6/15	-	-	620	85	60	16.5	-	2.3	3
12.8/16	17.6/23	-	-	370	70	50	5.2	-	0.6	2
7/8.5	10/13	-	-	850	133	78	16.7	-	4.5	1.3
13.5/18	18.5/24	-	-	370	70	50	5.2	-	0.6	2
1.8/2.2	-	-	-	3310	1090	100	58.4	-	14.3	12
19/23	28/34	-	-	1250	160	90	-	11	3.4	4.2
-	8/9.6	10.3/13.4	-	1514	178	145	-	13.8	2.1	4.5
11.7/14	15/20	-	-	710	100	80	11	-	1.4	2.7
30/36	44/57	-	-	800	110	75	11	-	1.5	2.5
-	2.8/3.5	3.5/4.5	5/7	3870	580	340	-	52	6.6	13.8
-	3.8/4.6	4.7/5.8	6.2/8	1920	280	180	-	29.8	2.7	9
-	4.1/4.9	5/6.5	6.6/8.6	2500	300	230	-	25	3.6	6
-	8/10	9.5/12	12/17	1020	160	110	-	16.9	1.1	4
-	2.6/3.1	3.1/4	-	3400	430	400	-	39	4.4	12
5/6	7.8/10	-	-	890	165	135	15.4	-	1.8	4.8
4.2/5	6.2/8	-	-	1180	210	170	21	-	2.6	6
2.9/3.8	4.3/5.5	-	-	2200	280	177	-	24	4.2	13
4.8/6	6.7/9	-	-	1160	200	180	-	11.1	1.85	6.8
4.5/5.5	6/7.8	-	-	1210	190	100	-	10.9	2.6	4.9
6.5/7.8	9.2/12	-	-	850	133	78	-	7.5	1.3	4.5
5.7/7.2	8.4/11.5	-	-	850	133	78	11.4	-	2.1	2.5
6.2/8.5	9/13	-	-	750	150	110	-	7.5	1.3	4.5
9.4/12	13/18	-	-	620	85	60	-	7.4	2.3	3
14/18	20/28	-	-	345	55	32	-	4.1	1	2.1
6.6/7.9	9.2/12	-	-	900	130	110	15	-	1.8	4
5.2/6.2	7/9	-	-	1180	170	130	19	-	2.5	5
3.6/4.5	4.9/6.4	-	-	1910	300	230	34.6	-	5.5	6.8
3.1/3.7	4.4/5.7	-	-	1910	300	230	34.8	-	4.4	8.4
4.2/5.5	5.3/7	-	-	2410	233	152	-	25	6.4	12.1
7.4/9	10.6/13.5	-	-	1220	130	55	19.7	-	2.8	5.1
5.7/6.9	7/9	-	-	1780	185	150	32	-	4	10
11/13	17/22	-	-	495	310	13.5	6.9	-	1.3	3
6/7.2	9.6/12.5	-	-	930	380	30	13.7	-	2.2	3.7

10/12	12/15	-	-	2100	165	80	39.2	-	5.9	8.8
17/21	20/24	-	-	1110	110	60	28	-	3.5	6.5
25/30	29/38	-	-	1300	60	46	19	-	2.8	4.3
13/15	16/19	-	-	1515	120	76	27	-	4.2	2.6
6/7.2	9.6/12.5	-	-	1910	520	30	34.7	-	4.9	11.1
3.7/4.4	5.8/7.5	-	-	1675	322	14	36	-	4.7	13.5
9/10.8	16.3/19.5	-	-	945	275	26	15.3	-	2.4	5.4
6.9/8.3	10.5/13.6	-	-	975	280	30	16.6	-	1.8	6.5
12.6/16	23/30	-	-	653	192	27	10.9	-	1.5	4.4
5.8/6.8	8.5/11	-	-	1080	430	30	24	-	1.9	5
5.8/7	8.6/11	-	-	1720	350	10.5	31	-	4	9.5
90/115	95/120	-	-	1400	60	35	20	-	3.2	3.6
11.3/13.6	16.7/22	-	-	1640	240	4	27.8	-	3.5	8.8
8.6/10.3	11.5/15	-	-	1450	215	8	26.1	-	6.5	5.3
17/20	22/29	-	-	690	135	6	12.5	-	1.5	4.3
32/38	49/63	-	-	553	181	30	8	-	2.1	2.3
13/16	17/22	-	-	850	190	6.5	14.5	-	1.5	4.8
14.5/17.4	-	-	-	865	175	6	11.4	-	2.6	4
16.2/19.5	23/30	-	-	1700	135	7.5	26	-	4.6	7.2
-	6/8	8/11	11/16	4060	520	400	-	44.4	7.2	10.2
-	12/15	15/20	20/26	2320	280	175	-	27	2.4	5.3
-	6.9/8.3	9.4/12	14/18	3300	420	370	-	30	4.7	9
7.1/8.5	11.5/14	-	-	3300	410	280	-	35	10.8	10.6
6.8/8.2	9.5/12.5	-	-	3300	410	280	-	35	10.8	10.6
13/15	22/25	-	-	1730	180	125	-	14.6	4.1	6.3
16/20	26/35	-	-	1250	160	90	-	11	3.4	4.2
16/20	26/35	-	-	1250	160	90	-	11	3.4	4.2
8.4/10	13.6/17.7	-	-	2020	305	245	34	-	5.2	7.9
11.3/14	15.6/21	-	-	2757	240	137	-	22.2	8.2	8.8
12/15	17/22	-	-	2070	225	170	37	-	5.1	8.6
54/68	72/85	-	-	870	70	42	16.4	-	2.8	3.6
650/780	700/950	-	-	403	31	18	4.4	-	0.7	1.5
-	10/12	11.4/14.5	15/20	1020	160	110	-	16.9	1.1	4
-	11/14	12.5/16	15.5/20	1020	160	110	-	16.9	1.1	4
9/12	13/16	-	-	680	150	70	-	7.5	1.3	4.5
10/13	14/18	-	-	620	85	60	-	7.4	2.3	3
17/20	23/30	-	-	345	55	32	-	4.1	1	2.1
8.5/10.2	11/14.5	-	-	900	130	110	15	-	1.8	4
160/200	170/210	-	-	820	35	20	13.4	-	2.9	1.7
290/350	300/360	-	-	492	27	15	9	-	2.3	1.1
380/480	410/520	-	-	350	34	26	8.1	-	2	2.7
8.5/10.5	11/14	-	-	620	85	60	15.6	-	2.3	3
-	28/33	37/45	49/65	1440	155	115	-	16.1	1.8	3.8
-	28/33	37/45	49/65	1440	155	115	-	16.1	1.8	3.8
15/20	21/30	-	-	345	55	32	9.1	-	1	2.1
14.5/18	23/30	-	-	1250	160	90	24.4	-	3.4	4.2
9.5/11.5	12/16	-	-	720	100	85	11.5	-	1.3	3.2
16/19	24/31	-	-	1100	175	130	18.5	-	2.5	4.3
10/13	14/18	-	-	620	85	60	12.9	-	1.2	4.1
26/32	38/49	-	-	757	122	88	13.6	-	1.6	3.8
10.8/13	14/18.5	-	-	710	100	80	11	-	1.4	2.7
27/32	37/48	-	-	800	110	75	11	-	1.5	2.5
15/20	21/30	-	-	345	55	32	-	4.1	1	2.1
45/55	60/75	-	-	560	55	40	-	5.1	2	2.2
15/20	21/30	-	-	345	55	32	-	4.1	1	2.1
40/50	60/75	-	-	560	55	40	-	5.1	2	2.2
-	4.4/5.3	5.3/6.6	6.9/9	2500	300	230	-	25	3.6	6
-	2.7/3.3	3.3/4.3	-	3400	430	400	-	39	4.4	12
-	1.1/1.4	1.24/1.7	-	11950	1347	1008	-	173	35	34
5.4/6.5	8.1/10.5	-	-	890	165	135	15.4	-	1.8	4.8
4.1/4.9	6.2/8	-	-	1180	210	170	21	-	2.6	6
1.2/1.6	1.8/2.4	-	-	7720	945	435	-	65	16	21
4.6/5.5	6.5/9	-	-	1160	200	180	-	11.1	1.85	6.8
6.5/7.8	9.2/12	-	-	680	150	70	-	7.5	4.5	1.3
9.6/12	12.5/16	-	-	670	115	85	10.7	-	1.7	2.5
6.6/7.9	9/11.7	-	-	900	130	110	15	-	1.8	4
5.2/6.2	7/9	-	-	1180	170	130	19	-	2.5	5
1.6/2	2.1/2.7	-	-	4300	700	320	82	40	12	17
3.6/4.5	4.9/6.4	-	-	1910	300	230	34.6	-	5.5	6.8
1.95/2.4	2.6/3.3	-	-	3800	565	320	56.4	-	13.8	6.4
1/1.2	1.5/2.2	-	-	5620	2165	46	65	-	18	8.5
3/4	4.2/5.5	-	-	2200	475	340	47	24	5.8	10
4.6/5.5	6.5/8.5	-	-	1160	200	180	-	11.1	1.85	6.8
6.2/7.2	8.9/11.5	-	-	680	150	70	-	7.5	1.3	4.5
2.9/3.5	3.8/4.9	-	-	2200	325	240	36	-	5	8
4.5/5.5	6.3/8.5	-	-	1210	190	100	-	11.1	1.85	6.8

6.2/8.5	8.9/13	-	-	680	150	70	-	7.5	1.3	4.5
1.7/2.2	2.1/3	-	-	8000	550	420	-	70	15	40
4.2/5.5	5.3/7	-	-	2410	233	152	-	25	6.4	12.1
6.5/8.5	9/12	-	-	1278	135	87	19.7	-	2.8	5.1
2.2/2.8	2.6/3.5	-	-	4940	425	170	-	44.4	9.6	16
5.5/6.5	6.9/8.5	-	-	1540	171	115	-	16.2	3.85	6.05
1.6/2.2	-	-	-	4000	150	2.5	62	-	12	10
1.1/1.4	1.5/2.5	-	-	7500	230	3.2	115	-	24	19
2.7/3.2	3.5/4.5	-	-	3880	400	338	69.5	-	10	16.3
11.5/13.8	19/25	-	-	490	170	9	6.9	-	1.3	3
6.3/7.6	10/13	-	-	930	380	30	13.7	-	2.2	3.7
2.1/2.5	3.7/4.8	-	-	3200	1200	35	50	-	11	12
2.1/2.5	-	-	-	3310	1090	100	58.4	-	14.3	12
1.3/1.6	-	-	-	6690	1500	90	107	-	41	54
3.8/4.6	4.2/5.5	-	-	6805	445	195	-	58.2	16.2	23.4
4.6/5.6	5.3/7.0	-	-	4740	325	161	-	32.8	10.8	11.6
6.8/8.2	-	-	-	1690	294	90	26.9	-	10.7	6.55
10/12	12/15	-	-	2100	165	80	39.2	-	5.9	8.8
13/17	16/20	-	-	1515	120	76	-	13.2	4.2	6.2
17/21	20/24	-	-	1180	90	50	16.5	-	2.5	4
1.7/2	2.6/3.3	-	-	4947	2850	26	98	-	24	27
2.3/2.8	4.2/5.4	-	-	4780	1365	51	59	-	10.4	19.6
3.4/4.2	5.4/7.2	-	-	2976	950	24	54	-	5.2	16.1
2.9/3.5	4.1/5.3	-	-	2400	840	37	52	-	7	18
2.8/3.5	4.3/6	-	-	3590	1130	30	64.7	-	5.6	29
4.6/5.6	8.2/10.5	-	-	1910	520	30	34.7	-	4.9	11.1
3.7/4.4	5.8/7.5	-	-	1675	322	14	36	-	4.7	13.5
9.6/11.5	16/20.5	-	-	945	275	26	15.3	-	2.4	5.4
7/8.4	10.5/13.6	-	-	810	320	22	16.6	-	1.8	6.5
7.6/9.1	-	-	-	950	300	20	19	-	2.9	8.7
13.6/16	24.5/30	-	-	653	192	27	10.9	-	1.5	4.4
5.8/6.8	8.5/11	-	-	1080	430	30	24	-	1.9	5
9.5/12	13/18	-	-	2035	345	136	34.5	-	5.8	7.6
3.2/3.9	4.6/6.2	-	-	5160	1346	40	88	-	10.2	24
2.9/3.5	-	-	-	5510	1200	70	95.5	-	23.5	32
5.9/7.2	-	-	-	2490	823	44	40.3	-	9.4	16
5.8/7	8.6/11	-	-	1720	350	10.5	31	-	4	9.5
2.9/3.5	3.7/4.8	-	-	5150	970	13	81	-	16	19
3/3.6	-	-	-	4600	990	16	68	-	19	20
11/13	11.5/14	12.5/18	-	5775	317	115	-	47.2	15.6	26.8
14.3/17	15.8/20	-	-	4812	220	107	66.7	-	13.4	14.6
42/50	46/60	-	-	1290	62	40	20	-	3.2	5.5
15/18	17/22	25/38	-	1820	170	90	36.8	-	9.3	9.8
4.6/5.5	6.2/7.8	-	-	4570	1180	49	58.2	-	9.2	20.8
5/6	-	-	-	3080	760	25	57.9	-	10.8	18.2
7.2/9	10.8/14	-	-	2250	410	25	37.8	-	7.8	8.4
6.4/7.6	8/10.4	-	-	1990	370	10	39.1	-	4.4	12.3
6.7/8	-	-	-	1850	360	4	31	-	7	11
6/7.2	8.8/11.2	-	-	3250	867	58	53.5	-	7.5	13.3
5.2/6.2	6.8/8.8	-	-	2420	320	10	37	-	5.3	8.7
11/13.5	15.9/21	-	-	1640	240	4	27.8	-	3.5	8.8
8.5/10.3	11.5/15	-	-	1450	215	8	26.1	-	6.5	5.3
9.8/11.8	14/18	-	-	1180	250	2.2	15.4	-	3.9	4.6
18.8/23	21.5/27	-	-	3180	118	75	47	-	10	11
18/22	23/30	-	-	690	135	6	12.5	-	1.5	4.3
19/23	-	-	-	660	135	5	9	-	2	4
32/38	49/63	-	-	553	181	30	8	-	2.1	2.3
13.7/16.5	18/23	-	-	850	190	6.5	14.5	-	1.5	4.8
15/18	-	-	-	865	175	6	11.4	-	2.6	4
3.1/3.6	3.9/5.1	-	-	4000	750	10	65	-	9.5	14
3.4/4.1	-	-	-	3750	750	10	56	-	13.5	15
16.2/19.5	23/30	-	-	1700	135	7.5	26	-	4.6	7.2
10/12.5	15/19	-	-	2600	460	11	36	-	11.5	6.5
6.4/7.6	8.7/11	-	-	4500	350	10	70	-	14	16
52/65	65/90	-	-	1790	160	82	30	-	8.7	8
43/51	-	-	-	1080	80	5.5	15	-	3.4	5.4
22/26	-	-	-	2100	160	7.5	35	-	7.5	10.5
16/19	-	-	-	2300	220	10	39	-	9.5	15
2100/2500	-	-	-	530	20	5	17	-	2.5	10.5
1.8/2.3	2.1/2.6	2.7/3.6	-	14000	1670	730	-	149	14.4	42.8
-	7.4/8.9	10/12.5	14/18	3300	420	370	-	30	4.7	9
2.6/3.3	3.8/5	-	-	7930	983	505	146	-	22	32
7.1/8.5	11.5/14	-	-	3300	410	280	-	35	10.8	10.6
16.5/19	26/31	-	-	1100	170	120	17	-	3	4
15.4/17.8	24/29	-	-	1100	170	120	16.4	-	3	4
3.5/4.5	5/7	-	-	6220	782	412	108	-	15	17.4

8.5/10	13.5/17.7	-	-	2020	305	245	34	-	5.2	7.9
4.9/5.9	7.6/9.9	-	-	4100	235	85	68	-	13	15
4.7/5.8	6.4/8.5	-	-	5720	527	352	106	-	13.1	24.9
12/15	17/23	-	-	2070	225	170	37	-	5.1	8.6
7.1/8.6	8.8/12	-	-	8620	486	288	141	-	17	28.6
20/24	26/34	-	-	2595	162	115	43.8	-	4.6	8.3
41/47	53/64	-	-	1200	85	60	19	-	2.5	4.3
5.5/6.5	7/9	-	-	1160	200	180	-	11.1	1.85	6.8
9/10.8	12.2/15.8	-	-	710	85	70	15.6	-	2.3	3
7.2/9	9.5/12	-	-	1220	130	55	-	12.2	3.3	6.7
10.8/13	12.5/16	-	-	2100	165	80	39.2	-	5.9	8.8
11/13	18/23	-	-	945	275	26	17.6	-	2.7	6.3
145/185	150/195	-	-	820	35	20	13.4	-	2.9	1.7
270/330	280/340	-	-	492	27	15	9	-	2.3	1.1
20/24	27/35	-	-	690	135	6	12.5	-	1.5	4.3
140/168	145/188	-	-	1026	21.8	15.2	14.5	-	4.8	2
250/300	270/350	-	-	755	24	17.6	11.7	-	1.6	2.9
4.8/6	6.5/9	-	-	1160	200	180	-	11.1	1.85	6.8
7.5/9	10/13	-	-	750	150	110	-	7.5	1.3	4.5
7.5/9.5	11/14.5	-	-	680	150	70	-	7.5	1.3	4.5
3.3/4.2	4.5/6	-	-	2200	280	177	-	24	4.2	13
9/13	11.5/17	-	-	1088	110	80	-	13	4	5.3
5.5/6.8	7.2/9.5	-	-	1540	171	115	-	16.2	3.85	6.05
9.4/12	13/18	-	-	620	85	60	-	7.4	2.3	3
24/29	35/46	-	-	757	122	88	-	8	3.3	2.3
21/25	32/42	-	-	350	50	40	5	-	0.4	2
53/64	73/95	-	-	360	50	40	4	-	0.4	1.2
6/7.2	8.7/11.3	-	-	3875	505	380	65.8	-	20	11
9.7/11.5	12.5/16	-	-	1109	114	89	16.9	-	2	4.4
25/30	35/45	-	-	1320	116	89	23.2	-	2.9	4.3
5.8/7	8.5/11	-	-	890	165	135	15.4	-	1.8	4.8
4.4/5.3	6.6/8.6	-	-	1180	210	170	21	-	2.6	6
3.8/4.2	5.2/6	-	-	2200	280	177	-	24	4.2	13
5/6	6.5/9	-	-	1160	200	180	-	11.1	1.85	6.8
8.5/10	12.5/15	-	-	750	150	110	-	7.5	1.3	4.5
9.5/12	13/18	-	-	620	85	60	-	7.4	2.3	3
16/18	23/28	-	-	345	55	32	-	4.1	1	2.1
2/2.4	2.6/3.4	-	-	3800	565	410	62	-	8.1	12
4.8/5.8	6/7.8	-	-	2410	233	152	-	25	6.4	12.1
7.7/9.5	11/13.5	-	-	1220	130	55	-	12.2	3.3	6.7
10/12	14/17	-	-	1088	110	80	-	13	4	5.3
11/13.5	17.5/22	-	-	451	210	27	6.9	-	0.6	3.2
16/19	20/25	-	-	722	83	61	11.8	-	1.7	4
4.9/5.8	5.4/7	-	-	4740	325	161	-	32.8	10.8	11.6
7.5/8.8	-	-	-	1690	294	90	26.9	-	10.7	6.55
10/12	12/15	-	-	2100	165	80	39.2	-	5.9	8.8
13/17	16/20	-	-	1515	120	76	-	13.2	4.2	6.2
17/21	20/24	-	-	1680	115	85	28	-	3.5	6.5
21/26	25/32	-	-	1180	80	52	16.4	-	3.1	3.7
43/50	50/60	-	-	800	380	115	14	-	2.9	2.3
3.7/4.5	5.7/7.5	-	-	2976	950	24	54	-	5.2	16.1
2.9/3.5	4.1/5.3	-	-	2400	840	37	52	-	7	18
5.5/6.5	8.5/11	-	-	1910	520	30	34.7	-	4.9	11.1
4.4/5.3	6.5/8.4	-	-	1675	322	14	36	-	4.7	13.5
9.4/11.3	15.6/20.5	-	-	945	275	26	15.3	-	2.4	5.4
7/8.4	11/14.3	-	-	975	280	30	15.3	-	2.4	5.4
13/16	23/30	-	-	653	192	27	10.9	-	1.5	4.4
5.9/7	8.6/11	-	-	1080	430	30	24	-	1.9	5
10.5/13	-	-	-	1810	252	100	31.2	-	9	9.2
6.7/8	9.4/12.2	-	-	1720	350	10.5	31.3	-	3.9	9.5
15/18.5	18/22	-	-	4812	220	107	66.7	-	13.4	14.6
15/18	17/22	25/38	-	1820	170	90	36.8	-	9.3	9.8
7.6/9.2	10.8/14	-	-	2250	410	25	37.8	-	7.8	8.4
6.5/7.8	8.2/10.6	-	-	1990	370	10	39.1	-	4.4	12.3
7.2/8.5	9.8/12.4	-	-	2900	450	5	53.5	-	7.5	13.3
12/14.5	16.4/21	-	-	1640	240	4	27.8	-	3.5	8.8
9.3/11	12/15.5	-	-	1420	215	8	26.5	-	6.9	5
16/19.5	21/27	-	-	690	135	6	12.5	-	1.5	4.3
30/36	43/54	-	-	501	122	31	7.1	-	1.1	3
12.5/15	16/21	-	-	850	190	6.5	14.5	-	1.5	4.8
14/17	-	-	-	865	175	6	11.4	-	2.6	4
11/13	15/19	-	-	2600	460	11	36	-	11.5	6.5
52/65	60/80	-	-	1790	160	82	30	-	8.7	8
42/50	-	-	-	1080	80	5.5	15	-	3.4	5.4
-	12/16	16/22	21/28	2320	280	175	-	27	2.4	5.3
-	6.5/8.5	9/12	12/17	4060	520	400	-	44.4	7.2	10.2

8/9.5	12.4/15	-	-	3300	-	-	-	35	10.8	10.6
12.4/15.5	19.2/25	-	-	1730	180	125	-	14.6	4.1	6.3
16.5/20	25.6/32	-	-	1250	160	90	-	11	3.4	4.2
22.5/27	31/40	-	-	757	122	88	17.7	-	3.3	2.3
40/50	62/80	-	-	560	55	40	-	5.1	2	2.2
3.8/4.8	5.8/7.8	-	-	6220	782	412	108	-	15	17.4
9/10.8	14/18	-	-	2020	305	245	34	-	5.2	7.9
6/7.2	8.6/11.2	-	-	3875	505	380	65.8	-	20	11
27/32	42/52	-	-	410	120	58	9.1	-	1.2	2.2
11.5/15	16/22	-	-	2757	240	137	-	22.2	8.2	8.8
37/45	57/72	-	-	825	68	50	-	8.2	3	2.5
23/30	28/40	-	-	2595	162	115	43.8	-	4.6	8.3
41/47	53/64	-	-	1200	85	60	19	-	2.5	4.3
60/72	75/90	-	-	870	70	42	16.4	-	2.8	3.6
73/90	78/100	-	-	2750	89	58	42	-	5.5	6.4
165/200	180/230	-	-	1475	890	60	20	-	3.5	4.6
8.6/11	10.8/15	-	-	750	150	110	16.6	-	1.3	4.5
10/13	14/18	-	-	620	85	60	-	7.4	2.3	3
15/20	23/30	-	-	345	55	32	-	4.1	1	2.1
25/32	43/52	-	-	245	40	78	3.1	-	0.1	1.7
11/13	14/18	-	-	1220	130	55	-	12.2	3.3	6.7
16/18	20/25	-	-	724	70	109	10.8	-	1.6	3.3
22.6/28	29/38	-	-	420	65	40	-	4.5	1.5	1.9
12/15	15/20	-	-	1088	110	80	-	13	4	5.3
23/28	27/35	-	-	1680	115	85	28	-	3.5	6.5
24/30	29/38	-	-	1180	68	45	16.6	-	2.2	3.9
44/54	50/63	-	-	835	69	40	14	-	2.9	2.4
12/16	18/26	-	-	1730	180	125	-	14.6	4.1	6.3
20/23	30/36	-	-	1250	160	90	-	11	3.4	4.2
33/40	46/65	-	-	1090	100	76	16.2	-	1.9	3.4
87/105	120/145	-	-	785	175	112	10.4	-	1.1	2.7
130/160	165/200	-	-	425	35	20	8.2	-	1.8	1.5
10/13	14/18	-	-	620	85	60	-	7.4	2.3	3
24/30	37/46	-	-	757	122	88	-	8	3.3	2.3
15/20	21/30	-	-	345	55	32	-	4.1	1	2.1
40/50	65/90	-	-	560	55	40	-	5.1	2	2.2
24/32	32/45	-	-	420	65	40	-	2.8	0.5	1.5
32/40	45/60	-	-	1050	110	80	-	8	2.1	3.6
25/30	28/36	-	-	1180	68	45	16.6	-	2.2	3.9
40/48	53/68	-	-	1250	85	65	22.4	-	4.1	5.2
24/29	29/38	-	-	800	60	40	11	-	1.5	3
58/70	72/94	-	-	880	60	45	14	-	1.4	3.3
45/54	52/63	-	-	800	380	115	14	-	2.9	2.3
87/105	120/145	-	-	785	175	112	10	-	1.6	3
33/40	46/60	-	-	501	122	7	7.7	-	1.1	3
128/155	132/170	-	-	1034	29	20	14	-	2	3.2
240/290	260/340	-	-	783	33	22	10.9	-	1.5	2.6
50/60	56/70	-	-	835	69	40	14	-	2.9	2.4
60/75	70/90	-	-	360	30	20	4.6	-	0.4	2
80/95	85/110	-	-	1480	480	35	22	-	3.9	5.2
160/185	170/195	-	-	820	35	20	13.4	-	2.9	1.7
260/310	270/320	-	-	492	27	15	9	-	2.3	1.1
---/120	---/130	-	-	1400	60	35	20	-	3.2	3.6
700/850	-	-	-	266	160	55	4.8	-	2	0.8
400/460	-	-	-	337	58	33	9.4	-	2.5	3.7
6300/8000	-	-	-	169	8.5	3.1	3.6	-	0.6	1.4
18/22	26/35	-	-	1250	160	90	-	11	3.4	4.2
45/55	65/85	-	-	560	55	40	-	5.1	2	2.2
87/105	107/140	-	-	785	175	112	10	-	1.6	3
165/200	180/230	-	-	1280	55	30	20	-	2.4	3.3
34/41	46/60	-	-	582	188	12	7.7	-	1.1	3
-	20/26	25/32	31/40	1670	220	120	-	19.5	2	3.6
-	28/33	37/45	49/65	1440	155	115	-	16.1	1.8	3.8
26/32	30/38	37/48	-	1540	142	118	31	-	1.4	4.6
79/95	99/129	-	-	785	175	112	10	-	1.6	3
-	15/19	18/24	23/32	600	70	45	-	5.8	0.6	2
-	20/25	27/35	39/55	535	60	34	-	7.7	0.9	2.4
-	30/40	42/55	55/80	315	50	40	-	5.8	0.6	1.5
-	50/65	60/80	85/120	180	32	26	-	3.6	0.38	0.6
-	215/300	255/400	315/550	38.2	14.4	6	-	1	0.26	0.2
-	31/36	36/45	-	695	45	36	-	8.4	1	2.2
29/35	35/42	52/68	-	240	40	30	3.5	-	0.1	1
20/24	27/34	-	-	345	55	32	-	4.1	1	2.1
21/25	35/45	-	-	293	57	40	-	3.7	1.48	1.56
29/35	44/55	-	-	245	40	78	3.1	-	0.1	1.7
26/33	33/45	-	-	420	65	40	-	4.7	0.45	1.65

60/75	70/90	-	-	500	45	16	9.3	-	2.1	1.8
1300/3000	1500/4000	-	-	25.5	17	7.8	3.7	-	0.9	0.4
1300/3000	1500/4000	-	-	25.5	17	7.8	3.7	-	0.9	0.4
161/200	169/210	-	-	820	35	20	13.4	-	2.9	1.7
280/350	290/360	-	-	492	27	15	9	-	2.3	1.1
3600/5500	4200/6500	-	-	60	18	5.2	-	-	-	-
-	28/33	37/45	49/65	1440	155	115	-	16.1	1.8	3.8
-	36/44	45/56	55/72	850	70	55	-	9.6	1.6	2
-	52/65	73/85	105/130	515	55	20	-	6.4	0.9	1.6
-	70/85	95/120	130/170	350	65	50	-	4.8	0.5	1.9
-	70/85	95/120	130/170	350	65	50	-	4.8	0.5	1.9
-	120/160	170/230	240/320	150	32	23	-	2.5	0.36	0.5
-	28/33	37/45	49/65	1440	155	115	-	16.1	1.8	3.8
64/75	105/130	-	-	460	45	30	-	4.2	1.9	1.4
37/45	43/56	55/74	-	1585	97	68	-	12	2.9	2.1
55/65	65/75	85/100	-	810	85	50	-	8	1.9	1.4
-	755/950	1170/1600	-	73.4	19.1	12.1	-	3.12	1.3	0.5
27/32	38/46	-	-	757	122	88	-	8	3.3	2.3
45/55	67/85	-	-	560	55	40	-	5.1	2	2.2
64/75	105/130	-	-	420	50	35	-	5	1.4	1.7
75/90	110/140	-	-	226	39	29	-	2.5	0.1	1.8
55/68	75/100	-	-	600	60	43	6.4	-	0.5	2.7
88/105	128/166	-	-	310	35	24	3	-	0.2	1.2
160/190	200/240	-	-	425	35	20	8.2	-	1.8	1.5
2500/4000	3300/5500	-	-	30.5	15.1	7	2.8	-	0.96	0.6
2300/4000	2900/5000	-	-	41	13	8	-	-	-	-
540/650	590/760	-	-	382	29	18	4.4	-	0.5	1.8
380/480	410/520	-	-	350	34	26	8.1	-	2	2.7
650/800	700/950	-	-	430	38	28	4.4	-	0.7	1.5
-	19/23	23/30	-	490	90	70	-	10.4	0.9	2
12/15	15/20	-	-	670	115	85	10.7	-	1.7	2.5
19/24	25/34	-	-	345	55	32	-	4.1	1	2.1
28/35	38/45	-	-	420	65	40	-	5.2	1.2	2.5
60/75	70/90	-	-	500	45	16	9.3	-	2.1	1.8
94/120	96/130	-	-	1400	60	35	21.2	-	3.1	5
380/480	410/520	-	-	350	34	26	8.1	-	2	2.7
-	19/23	24/30	30/39	1670	220	120	-	19.5	2	3.6
-	28/33	37/45	49/65	1440	155	115	-	16.1	1.8	3.8
-	28/33	37/45	49/65	1440	155	115	-	16.1	1.8	3.8
-	45/53	58/75	75/98	540	80	75	-	6.4	0.9	1.6
-	23/28	32/40	-	-	-	-	-	-	-	-
19/23	27/34	-	-	1250	160	90	24.5	-	3.4	4.2
27/32	38/46	-	-	757	122	88	17.8	-	3.3	2.3
47/65	75/100	-	-	560	55	40	-	5.1	2	2.2
80/96	100/130	-	-	720	42	32	10	-	1.6	3
-	19/23	24/31	34/44	485	88	70	-	9.5	0.5	1.7
-	44/53	60/75	85/110	180	32	26	-	3.6	0.38	0.6
-	30/40	42/55	55/70	315	50	40	-	5.8	0.6	1.5
-	82/100	125/140	197/230	350	65	50	-	4.8	0.5	1.9
22/30	28.5/37	-	-	345	55	32	-	4.1	1	2.1
54/65	74/90	-	-	420	50	35	-	5	1.4	1.7
-	70/85	95/120	130/170	350	65	50	-	4.8	0.5	1.9
270/330	280/340	-	-	492	27	15	9	-	2.3	1.1
-	200/300	235/400	295/550	38.2	14.4	6	-	1	0.26	0.2
29/35	35/46	-	-	241	33	15	7.4	-	0.9	1.4
-	400/480	520/680	-	73	18	7.4	-	2.6	0.9	0.6
1100/3000	1300/4000	-	-	23	16	10	-	-	-	-
-	75/90	100/130	130/170	350	65	50	-	4.8	0.5	1.9
-	440/600	610/850	810/1200	40	15	6.5	-	1	0.28	0.18
-	840/1100	1200/1700	-	73	19	12	-	3.1	1.3	0.5
75/90	110/140	-	-	226	39	29	-	2.5	0.1	1.8
33/40	51/66	-	-	245	40	78	3.1	-	0.1	1.7
-	200/300	235/400	295/550	38.2	14.4	6	-	1	0.26	0.2
-	370/450	510/650	-	72.9	18.3	7.4	-	2.6	0.9	0.6
1300/3000	1500/4000	-	-	65	21	8.5	-	-	-	-
-	440/600	610/850	810/1200	40	15	6.5	-	1	0.28	0.18
-	200/300	235/400	295/550	38.2	14.4	6	-	1	0.26	0.2
-	440/600	610/850	810/1200	40	15	6.5	-	1	0.28	0.18
-	200/300	235/400	295/550	38.2	14.4	6	-	1	0.26	0.2
-	420/500	550/700	-	72.9	18.3	7.4	-	2.6	0.9	0.6
1100/3000	1300/4000	-	-	23	16	10	-	-	-	-
-	440/600	610/850	810/1200	40	15	6.5	-	1	0.28	0.18
-	200/300	235/400	295/550	38.2	14.4	6	-	1	0.26	0.2
-	440/600	610/850	810/1200	40	15	6.5	-	1	0.28	0.18
-	200/300	235/400	295/550	38.2	14.4	6	-	1	0.26	0.2
-	440/600	610/850	810/1200	40	15	6.5	-	1	0.28	0.18

-	200/300	300/450	500/700	38.2	14.4	6	-	1	0.26	0.2
-	370/450	510/650	-	72.9	18.3	7.4	-	2.6	0.9	0.6
1300/3000	1500/4000	-	-	25	15	6.8	2	-	0.9	0.4
-	500/650	700/900	1100/1400	40	15	6.5	-	1	0.28	0.18
-	780/1000	1160/1600	-	73.4	19.1	12.1	-	3.12	1.3	0.5
-	200/350	235/450	295/600	38.2	14.4	6	-	1	0.26	0.2
-	465/560	575/750	-	72.9	18.3	7.4	-	2.6	0.9	0.6
1400/3000	1600/4000	-	-	25	15	6.8	2	-	0.9	0.4
-	500/650	700/900	1100/1400	40	15	6.5	-	1	0.28	0.18
-	22/26	28/36	39/51	535	60	34	-	7.7	0.9	2.4
27/32	29/36	34/45	-	695	45	36	-	8.4	1	2.2
13/15.5	17/22	-	-	750	150	110	16.7	-	1.3	4.5
19/24	25/34	-	-	345	55	32	-	4.1	1	2.1
60/75	70/90	-	-	500	45	16	9.3	-	2.1	1.8
280/350	290/360	-	-	480	25	14	5.8	-	0.7	2.5
42/50	65/85	-	-	560	55	40	-	5.1	2	2.2
-	200/300	235/400	295/550	38.2	14.4	6	-	5.1	0.26	0.2
4.4/5.2	-	-	-	8525	700	25	130	-	36	32
1.7/2.1	2/2.6	-	-	7720	945	435	-	65	16	21
3.1/4	5.1/6	-	-	2200	280	177	47	24	5.8	10
7.5/9	10/14	-	-	750	150	110	-	7.5	1.3	4.5
2.4/3	3.2/4	-	-	4800	735	420	82	40	12	17
2.6/3.1	3.2/4.2	-	-	3770	565	390	-	60	9	12
2.1/2.5	2.6/3.5	-	-	8000	550	420	-	70	15	40
4.2/5.5	5.3/7	-	-	2410	233	152	-	25	6.4	12.1
3.1/3.8	4.0/5.0	-	-	4940	425	170	-	44.4	9.6	16
1/1.5	1.65/2.5	-	-	17760	1990	341	295	-	72.9	121
3.2/3.8	4.2/5.5	-	-	3880	400	340	70	-	10	16
2.1/2.5	-	-	-	3310	1090	100	58.4	-	14.3	12
1.5/1.8	-	-	-	7250	2140	140	107	-	29	24
3.8/4.5	4.2/5.5	-	-	6805	445	195	-	58.2	16.2	23.4
10/12	12/15	-	-	2100	165	80	39.2	-	5.9	8.8
17/21	20/24	-	-	1680	115	85	28	-	3.5	6.5
28/34	33/40	-	-	1180	68	45	16.6	-	2.2	3.9
43/52	50/60	-	-	800	380	115	14	-	2.9	2.3
5.1/6	5.9/7.5	-	-	4740	325	161	-	32.8	10.8	11.6
6.8/8.2	-	-	-	1690	294	90	26.9	-	10.7	6.55
1.4/2.2	-	-	-	16920	1361	424	293	-	61.8	123
1.8/2.2	2.7/3.5	-	-	4930	1540	20	98	-	24	27
2.7/3.5	4/5.3	-	-	4780	1365	51	59	-	10.4	19.6
2.7/3.3	4.1/5.4	-	-	4620	780	50	93	-	21.7	28
3.9/4.7	6.2/8	-	-	2940	850	15	54	-	5.2	16.1
3.4/4.1	-	-	-	2640	830	40	49	-	11	18
1.7/2.2	2.8/3.7	-	-	9040	2180	318	130	-	15.4	35
5/5.9	8.9/11.2	-	-	1910	520	30	34.7	-	4.9	11.1
6.1/7.3	-	-	-	2150	500	27	32	-	7.6	10
4.3/5.2	6.7/8.7	-	-	1640	946	25	31.4	-	6.5	13
4.6/5.5	-	-	-	1900	890	17	34	-	7.4	13
8.1/9.7	-	-	-	950	300	20	19	-	2.9	8.7
5.8/6.8	8.5/11	-	-	1080	430	30	24	-	1.9	5
7.2/8.5	9/11	-	-	5335	350	185	86	-	14.5	17.5
9.8/12	-	-	-	1810	252	100	31.2	-	9	9.2
2/2.6	-	-	-	15010	772	81	247	-	63.5	56
3.2/3.9	4.6/6.2	-	-	5160	1346	40	88	-	10.2	24
3.7/4.4	-	-	-	5510	970	35	95.5	-	23.5	32
6.5/7.4	-	-	-	2480	825	48	40.8	-	9.3	15.5
2.7/3.2	3.7/4.6	-	-	7036	1490	86	138	-	22.4	35.1
6.7/8	9.4/12	-	-	1720	350	10.5	31.3	-	3.9	9.5
2.6/3.1	3.7/4.8	-	-	5150	970	13	81	-	16	19
1.8/2.1	-	-	-	9300	1920	18	144	-	38	41
11/13	12.5/18	-	-	5775	317	115	-	47.2	15.6	26.8
45/55	50/60	-	-	2860	120	70	46	-	4.5	12
65/85	-	-	-	615	47	29	10.5	-	4.8	2.9
15/18	17/22	-	-	1820	170	90	32.5	-	6	11.1
15/18	-	-	-	1850	160	85	37.6	-	11.7	9.8
2.8/3.5	-	-	-	17800	980	78	295	-	70	75
5.5/6.5	7/9	-	-	4570	1180	49	58.2	-	9.2	20.8
2.8/3.2	3.6/4.6	-	-	8050	1480	15	145	-	18.1	35
5.2/6.5	6.9/8.8	-	-	3590	590	30	57.9	-	10.8	18.2
7.6/9.2	10.8/14	-	-	2550	685	42	39.7	-	5.4	11.2
9.5/11.5	-	-	-	1950	665	33	28.8	-	5.8	9.2
6.8/8.1	9.5/12	-	-	1900	370	10	28	-	4.4	6.7
6.8/8.1	-	-	-	1900	432	4.7	31	-	7	11
6.3/7.6	8.8/11.4	-	-	3250	867	58	53.5	-	7.5	13.3
3.5/4.2	4.5/6.0	-	-	6680	1690	78	110	-	11.5	28
1.8/2.2	2.4/3	-	-	13300	3380	156	192	-	27	24

3.8/4.6	-	-	-	5100	1045	35	88	-	18.5	28.3
11.4/13.5	15.6/20	-	-	1640	240	4	27.8	-	3.5	8.8
9.5/11	12/15.5	-	-	1450	215	8	26.1	-	6.5	5.3
10/12	14/18	-	-	1180	250	2.2	15.4	-	3.9	4.6
19/23	-	-	-	660	135	5	9	-	2	4
2.6/3.1	3.2/4.2	-	-	6130	1170	25	107	-	14	26
2.8/3.4	-	-	-	5600	1200	6	92	-	19	27
16.2/19.2	-	-	-	865	175	6	11.4	-	2.6	4
3.4/4.1	-	-	-	3750	750	10	56	-	13.5	15
1.9/2.3	-	-	-	7700	1500	30	122	-	27	33
17/20	23/30	-	-	1700	135	7.5	26	-	4.6	7.2
11/13.5	14/20	-	-	2560	220	5	39	-	7	10
6.4/7.6	8.5/11	-	-	4500	350	10	70	-	14	16
52/65	-	-	-	1790	160	82	30	-	8.7	8
10.5/13	-	-	-	15100	690	86	222	-	66	49
45/54	-	-	-	1080	80	5.5	15	-	3.4	5.4
22/26	-	-	-	2100	160	7.5	35	-	7.5	10.5
16/19	-	-	-	2300	220	10	39	-	9.5	15
5/6	-	-	-	8525	700	25	130	-	36	32
120/140	-	-	-	800	73	15	21	-	1.7	7.3
100/130	-	-	-	1330	195	21	30	-	7.5	11
64/80	-	-	-	1830	265	50	48.6	-	5.2	13.4
19/24	-	-	-	15325	573	34	238	-	62	58
230/280	-	-	-	300	53	15	44	-	7.1	23
-	7.2/8.6	9.8/12.5	14.5/19	3300	420	370	-	30	4.7	9
1100/1500	-	-	-	570	64	8	17	-	3.6	6.5
650/800	-	-	-	920	103	15	28	-	5.4	10.2
370/500	-	-	-	1590	176	24	46	-	8	18.5
260/320	-	-	-	3400	275	32	88	-	17	47
560/680	-	-	-	1532	176	26	51	-	6.7	22.8
1000/1200	-	-	-	920	97	15	26	-	5	11.5
800/1000	-	-	-	1036	121	19	35.4	-	5.5	16.2
95/115	-	-	-	3000	100	1.1	61	-	12	20
2200/2600	-	-	-	518	41.6	4.5	15.4	-	2	7.3
1000/1200	-	-	-	1100	105	17	32	-	6.4	11.8
570/700	-	-	-	1890	175	27	54	-	8.6	20.5
530/580	-	-	-	450	24	1.2	13	-	2	5
320/360	-	-	-	670	30	1.5	21	-	4	7
270/320	-	-	-	910	28	1.1	27	-	5.5	8
160/190	-	-	-	1400	55	1.3	47	-	5	14
3.3/4	4.4/5.7	-	-	7500	1200	940	150	-	24	28
7.1/9	11.5/15	-	-	3300	410	280	-	35	10.8	10.6
4/5	5.5/7.5	-	-	6220	782	412	108	-	15	17.4
11.5/15	16/22	-	-	2757	240	137	-	22.2	8.2	8.8
7.8/9.5	9.5/12.5	-	-	8620	486	288	141	-	17	28.6
39/48	53/65	-	-	1250	85	65	22.4	-	4.1	5.2
18/22	30/40	-	-	2165	318	102	37.2	-	10.4	10.5
54/68	72/85	-	-	870	70	42	16.4	-	2.8	3.6
36/45	40/55	-	-	6315	220	50	98	-	16.2	13.8
75/95	80/110	-	-	2250	130	90	40.4	-	7.7	6.6
170/210	190/230	-	-	1419	89	45	20	-	3.5	4.6
3.4/4	4.3/6	-	-	2200	280	177	53	-	4.2	13
3.6/4.4	4.8/5.8	-	-	7500	1200	940	150	-	24	28
3.2/3.8	4.2/5.5	-	-	3880	400	340	70	-	10	16
10/12	12/15	-	-	2100	165	80	39.2	-	5.9	8.8
17/21	20/24	-	-	1680	115	85	28	-	3.5	6.5
28/34	33/40	-	-	1180	68	45	16.6	-	2.2	3.9
5.1/6	5.9/7.5	-	-	4740	325	161	-	32.8	10.8	11.6
6.8/8.2	-	-	-	1690	294	90	26.9	-	10.7	6.55
2.3/2.8	3.6/4.2	-	-	5180	1390	55	59	-	10.4	19.6
1.8/2.2	2.8/3.7	-	-	7400	1430	53	130	-	15.4	35
3.4/4.1	-	-	-	2640	830	40	49	-	11	18
4.6/5.5	-	-	-	1800	640	23	34	-	7.3	13
8.2/9.8	-	-	-	950	300	20	19	-	2.9	8.7
3.2/3.9	4.6/6.2	-	-	5160	1346	40	89.7	-	10.9	27
2.8/3.2	3.7/4.8	-	-	6870	1260	40	130	-	17.3	37.5
40/48	45/55	-	-	2860	120	70	46	-	4.5	12
90/115	95/120	-	-	1400	60	35	20	-	3.2	3.6
5.5/6.5	7/9	-	-	4570	1180	49	58.2	-	9.2	20.8
7.6/9.2	10.8/14	-	-	2550	685	42	39.7	-	5.4	11.2
6.3/7.6	8.8/11.4	-	-	3250	867	58	53.5	-	7.5	13.3
3.8/4.4	4.8/6.5	-	-	6000	1090	27	115	-	16	34
10/12	14/18	-	-	1180	250	2.2	15.4	-	3.9	4.6
3/3.6	-	-	-	5600	1200	6	92	-	19	27
17/20.4	23/30	-	-	1700	135	7.5	26	-	4.6	7.2
11/13.5	15/20	-	-	2560	220	5	39	-	7	10

6.6/8	9/11.5	-	-	4500	350	10	70	-	14	16
10.5/13	-	-	-	15100	690	86	222	-	66	49
4.9/5.9	-	-	-	8525	700	25	130	-	36	32
120/140	-	-	-	800	73	15	21	-	1.7	7.3
100/130	-	-	-	1330	195	21	30	-	7.5	11
19/24	-	-	-	15325	573	34	238	-	62	58
270/320	-	-	-	2606	252	20	63.2	-	10	29.1
370/500	-	-	-	1590	176	24	46	-	8	18.5
620/800	-	-	-	920	103	15	28	-	5.4	10.2
1100/1500	-	-	-	570	64	8	17	-	3.6	6.5
1000/1200	-	-	-	920	97	15	29	-	5	11.5
800/1000	-	-	-	1036	121	19	35.4	-	5.5	16.2
560/680	-	-	-	1532	176	26	51	-	6.7	22.8
95/115	-	-	-	3000	100	1.1	61	-	12	20
88/99	-	-	-	3550	115	1	70	-	14	22
3800/5000	-	-	-	304	30.8	4.16	11.2	-	1.75	6.1
2000/2400	-	-	-	670	50	3	15	-	3	9
2200/2600	-	-	-	518	41.6	4.5	15.4	-	2	7.3
1000/1200	-	-	-	1100	105	17	32	-	6.4	11.8
620/750	-	-	-	1640	150	22	45	-	7.9	16.5
570/700	-	-	-	1890	175	27	54	-	8.6	20.5
650/780	-	-	-	1880	140	5	39	-	8	16
620/750	-	-	-	1640	150	22	45	-	7.9	16.5
530/580	-	-	-	450	24	1.2	13	-	2	5
320/360	-	-	-	670	30	1.5	21	-	4	7
270/320	-	-	-	910	28	1.1	27	-	5.5	8
160/190	-	-	-	1400	55	1.3	47	-	5	14
710/1050	-	-	-	2020	132	45	29	-	5.3	7.8
7000/10000	-	-	-	1150	50	23	41	-	12	12.4
13/16	18.5/24	-	-	2070	225	170	37	-	5.1	8.6
8.6/10.2	10.5/13.5	-	-	8620	486	288	141	-	17	28.6
39/48	53/65	-	-	1250	85	65	22.4	-	4.1	5.2
54/68	72/85	-	-	870	70	42	16.4	-	2.8	3.6
75/95	80/110	-	-	2250	130	90	40.4	-	7.7	6.6
7000/10000	-	-	-	1150	50	23	41	-	12	12.4
1.2/1.5	1.75/2.5	-	-	17760	1990	341	295	-	72.9	121
2.6/3.2	4.8/7	-	-	3620	2395	177	59	-	10.4	19.6
-/8	-	-	-	4800	1265	125	475	-	26	54
2/2.6	-	-	-	16800	930	55	71	-	63.5	56
2.8/3.4	-	-	-	4600	990	16	68	-	19	20
1.7/2	-	-	-	9300	1920	18	144	-	38	41
2.8/3.5	-	-	-	17800	980	78	295	-	70	75
3.6/4.2	4.5/6.0	-	-	6680	1690	78	110	-	11.5	28
2.6/3.1	-	-	-	5600	1200	6	92	-	19	27
5.3/6.3	-	-	-	8525	700	25	130	-	36	32
260/320	-	-	-	3400	275	32	88	-	17	47
95/115	-	-	-	3000	100	1.1	61	-	12	20
88/99	-	-	-	3550	115	1	70	-	14	22
64/70	-	-	-	4900	145	1.3	100	-	19	30
40/45	-	-	-	8500	280	1.8	176	-	33	53
160/190	-	-	-	1400	55	1.3	47	-	5	14
220/275	-	-	-	1800	40	7	57.5	-	6.6	24
7000/10000	-	-	-	1150	50	23	41	-	12	12.4
6.5/8.5	9/12	-	-	1220	130	55	-	12.2	3.3	6.7
5.3/6.4	6.8/8.8	-	-	1660	203	132	26	-	3.2	5.6
28/34	33/40	-	-	1180	68	45	16.6	-	2.2	3.9
60/75	70/90	-	-	500	45	16	9.3	-	2.1	1.8
71/85	80/104	-	-	450	25	19	5.7	-	0.5	1.9
2.5/3.3	4.6/6	-	-	4780	1365	51	59	-	10.4	19.6
10/12	18/22	-	-	945	275	26	15.3	-	2.4	5.4
5.8/6.8	8.5/11	-	-	1080	430	30	24	-	1.9	5
77/100	80/115	-	-	1070	40	35	19.2	-	3.3	3.5
72/90	75/100	-	-	1480	480	35	9.3	-	2.1	1.8
160/185	170/195	-	-	820	35	20	13.4	-	2.9	1.7
65/85	-	-	-	615	47	29	10.5	-	4.8	2.9
7.4/9.2	10.6/14	-	-	2250	410	25	37.8	-	7.8	8.4
6.5/7.8	8/10.4	-	-	1990	370	10	39.1	-	4.4	12.3
6.5/7.8	9/11.6	-	-	2900	450	5	53.5	-	7.5	13.3
9/10.8	11.7/15.2	-	-	1450	215	8	26.1	-	6.5	5.3
10/12	14.5/19	-	-	1180	250	2.2	15.4	-	3.9	4.6
17.5/21	22/29	-	-	690	135	6	12.5	-	1.5	4.3
14/17	18/23	-	-	850	190	6.5	14.5	-	1.5	4.8
16.7/20	23/30	-	-	1700	135	7.5	26	-	4.6	7.2
11/13.5	15/20	-	-	2560	220	5	39	-	7	10
6.6/8	9/11.5	-	-	4500	350	10	70	-	14	16
2200/2600	-	-	-	518	41.6	4.5	15.4	-	2	7.3

1000/1200	-	-	-	1100	105	17	32	-	6.4	11.8
530/580	-	-	-	450	24	1.2	13	-	2	5
320/360	-	-	-	670	30	1.5	21	-	4	7
3400/3900	-	-	-	680	55	9.5	19	-	4	9
39/48	53/65	-	-	1250	85	65	22.4	-	4.1	5.2
54/68	72/85	-	-	870	70	42	16.4	-	2.8	3.6
-	4.4/5.3	5.3/6.7	6.7/8.8	2515	303	230	-	23.9	4.2	4.7
-	21/25	28/36	39/51	535	60	34	-	7.7	0.9	2.4
5.5/6.5	8.3/10.5	-	-	890	165	135	15.4	-	1.8	4.8
4.4/5.3	6.2/8.1	-	-	1180	210	170	21	-	2.6	6
3/3.6	3.5/4.6	-	-	2700	365	290	46	-	6	10
4.8/6	6.5/9	-	-	1160	200	180	-	11.1	1.85	6.8
7.5/9	10/13	-	-	750	150	110	-	7.5	1.3	4.5
9.4/12	13/18	-	-	620	85	60	-	7.4	2.3	3
14/18	18/24	-	-	370	70	50	5.2	-	0.6	2
5.6/6.7	7.3/9.5	-	-	1180	170	130	19	-	2.5	5
1.9/2.6	2.5/3.4	-	-	4800	735	420	-	40	6	19
3.4/4.1	4.7/6	-	-	1910	300	230	34.6	-	5.5	6.8
2.1/2.5	2.8/3.6	-	-	3770	565	390	60	-	9	12
3.1/4	4.5/6	-	-	2200	280	177	-	24	4.2	13
4.5/6	6.5/9	-	-	1210	190	100	-	11.1	1.85	6.8
6.5/9	9.6/14	-	-	680	150	70	-	7.5	1.3	4.5
4.2/5.5	5.3/7	-	-	2410	233	152	-	25	6.4	12.1
6.5/8.5	9/12	-	-	1220	130	55	-	12.2	3.3	6.7
14/17	18/23	-	-	722	83	61	11.8	-	1.7	4
23/28	32/38	-	-	420	65	40	-	4.5	1.5	1.9
8.5/11	11/16	-	-	1088	110	80	-	13	4	5.3
3.1/3.8	4.0/5.0	-	-	4940	425	170	-	44.4	9.6	16
5.7/6.7	7.0/8.8	-	-	1540	171	115	-	16.2	3.85	6.05
2.6/3.1	3.4/4.4	-	-	3880	400	340	70	-	10	16
2.1/2.5	-	-	-	3310	1090	100	58.4	-	14.3	12
3.8/4.5	4.2/5.5	-	-	6805	445	195	-	58.2	16.2	23.4
10/12	12/15	-	-	2100	165	80	39.2	-	5.9	8.8
17/21	20/24	-	-	1680	115	85	28	-	3.5	6.5
23/28	27/34	-	-	1180	80	52	16.4	-	3.1	3.7
43/50	50/60	-	-	800	380	115	14	-	2.9	2.3
60/75	70/90	-	-	500	45	16	9.3	-	2.1	1.8
71/85	80/104	-	-	450	25	19	5.7	-	0.5	1.9
5.1/6	5.9/7.5	-	-	4740	325	161	32.8	-	10.8	11.6
7.5/8.8	-	-	-	1690	294	90	26.9	-	10.7	6.5
2.5/3.3	4.6/6	-	-	5180	1390	55	59	-	10.4	19.6
3.7/4.5	5.7/7.5	-	-	2940	850	15	54	-	5.2	16.1
3.2/3.8	4.6/6	-	-	2400	840	37	52	-	7	18
3.2/3.8	-	-	-	2640	830	40	49	-	11	18
5/5.9	8.8/10.5	-	-	1910	520	30	34.7	-	4.9	11.1
5.6/6.7	-	-	-	2150	500	27	32	-	7.6	10
4.3/5.3	6.4/8.3	-	-	1675	322	14	36	-	4.7	13.5
9.6/11.5	18.4/23	-	-	945	275	26	15.3	-	2.4	5.4
7.3/8.8	11.3/14.7	-	-	810	320	22	16.6	-	1.8	6.5
7.5/9	-	-	-	950	300	20	19	-	2.9	8.7
12.8/16	23.6/30	-	-	653	192	27	10.9	-	1.5	4.4
5.8/6.8	8.5/11	-	-	1080	430	30	24	-	1.9	5
65/78	76/99	-	-	620	40	25	8.2	-	1.2	2.8
9.8/12	-	-	-	1810	252	100	31.2	-	9	9.2
3.2/3.9	4.6/6.2	-	-	5160	1346	40	88	-	10.2	24
6.9/8.3	9.8/12.7	-	-	1720	350	10.5	31.3	-	3.9	9.5
45/55	50/60	-	-	2860	120	70	46	-	4.5	12
72/90	75/100	-	-	1480	480	35	9.3	-	2.1	1.8
160/200	170/210	-	-	820	35	20	13.4	-	2.9	1.7
95/115	100/125	-	-	1400	60	35	20	-	3.2	3.6
65/85	-	-	-	615	47	29	10.5	-	4.8	2.9
13.5/17	14.5/20	-	-	4812	220	107	66.7	-	13.4	14.6
15/18	25/38	-	-	1820	170	90	36.8	-	9.3	9.8
15/18	-	-	-	1850	160	85	37.6	-	11.7	9.8
5.6/6.7	-	-	-	3590	590	30	57.9	-	10.8	18.2
7.4/9.2	10.6/14	-	-	2250	410	25	37.8	-	7.8	8.4
6.5/7.8	8/10.4	-	-	1990	370	10	39.1	-	4.4	12.3
6.5/7.8	9/11.6	-	-	3250	867	58	53.5	-	7.5	13.3
11/13.2	15.4/20	-	-	1640	240	4	27.8	-	3.5	8.8
9/10.8	11.7/15.2	-	-	1450	215	8	26.1	-	6.5	5.3
18.8/23	21/27	-	-	3180	118	75	47	-	10	11
20/24	27/35	-	-	615	484	25	9.8	-	1.8	2.6
32/38	48/62	-	-	562	182	31	7.7	-	1.1	3
14/17	18/23	-	-	850	190	6.5	14.5	-	1.5	4.8
16/19	-	-	-	865	175	6	11.4	-	2.6	4
16.2/19.5	23/30	-	-	1700	135	7.5	26	-	4.6	7.2

11/13.5	15/20	-	-	2560	220	5	39	-	7	10
6.6/8	9/11.5	-	-	4500	350	10	70	-	14	16
52/65	65/90	-	-	1790	160	82	30	-	8.7	8
43/52	-	-	-	1050	80	6.5	13.5	-	3.3	4.3
700/850	-	-	-	266	160	55	4.8	-	2	0.8
200/240	-	-	-	540	48	11	12	-	1	5
400/460	-	-	-	337	58	33	9.4	-	2.5	3.7
120/140	-	-	-	800	73	15	21	-	1.7	7.3
100/130	-	-	-	1330	195	21	30	-	7.5	11
-	7/8.4	9.6/12	14/18	3300	420	370	-	30	4.7	9
650/800	-	-	-	920	103	15	28	-	5.4	10.2
1100/1500	-	-	-	570	64	8	17	-	3.6	6.5
2000/2400	-	-	-	670	50	3	15	-	3	9
2200/2600	-	-	-	518	41.6	4.5	15.4	-	2	7.3
1000/1200	-	-	-	1100	105	17	32	-	6.4	11.8
950/1200	-	-	-	1340	100	5	29	-	6	13
530/580	-	-	-	450	24	1.2	13	-	2	5
320/360	-	-	-	670	30	1.5	21	-	4	7
270/320	-	-	-	910	28	1.1	27	-	5.5	8
2300/2800	-	-	-	650	46	7	15.4	-	2	7.3
3400/3900	-	-	-	680	55	9.5	19	-	4	9
2.7/3.2	3.6/4.7	-	-	7500	1200	940	150	-	24	28
7.1/8.5	11.5/14	-	-	3300	410	280	-	35	10.8	10.6
16.5/20	25.6/32	-	-	1250	160	90	-	11	3.4	4.2
41/50	62/80	-	-	560	55	40	-	5.1	2	2.2
3.5/4.5	5/7	-	-	6220	782	412	108	-	15	17.4
11.5/15	16/22	-	-	2757	240	137	-	22.2	8.2	8.8
37/45	57/68	-	-	825	68	50	17	8.2	3	2.5
32/40	50/65	-	-	1076	83	64	-	7.6	2.3	3.1
4.7/5.8	6.4/8.3	-	-	6100	600	540	115	-	16	25
13/16	18.5/24	-	-	2070	225	170	37	-	5.1	8.6
7.6/9.2	9.2/12	-	-	8620	486	288	141	-	17	28.6
18/22	30/40	-	-	2165	318	102	37.2	-	10.4	10.5
18/22	30/40	-	-	2120	315	127	37.5	-	6.3	10.3
22/28	26/35	-	-	2595	162	115	43.8	-	4.6	8.3
39/48	53/65	-	-	1250	85	65	22.4	-	4.1	5.2
54/68	72/85	-	-	870	70	42	16.4	-	2.8	3.6
87/105	120/145	-	-	785	175	112	10	-	1.6	3
153/180	198/220	-	-	425	35	20	8.2	-	1.8	1.5
20/24	26/34	-	-	3625	1776	844	47.1	-	7.7	9.3
75/95	80/110	-	-	2250	130	90	40.4	-	7.7	6.6
170/210	190/230	-	-	1419	89	45	20	-	3.5	4.6
36/45	40/55	-	-	6315	220	50	98	-	16.2	13.8
7.5/9	10.5/13	-	-	750	150	110	-	7.5	1.3	4.5
9.4/12	13/18	-	-	620	85	60	-	7.4	2.3	3
24/30	37/46	-	-	757	122	88	-	8	3.3	2.3
26/32	36/42	-	-	420	65	40	-	5.2	1.2	2.5
30/40	42/52	-	-	1050	110	80	-	9	2.5	3.2
25/30	28/36	-	-	1180	68	45	16.6	-	2.2	3.9
40/48	53/68	-	-	1250	85	65	22.4	-	4.1	5.2
1.7/2.1	2/2.6	-	-	7720	945	435	-	65	16	21
2.4/3	3.2/4	-	-	4800	735	420	-	40	6	19
1/1.3	1.2/1.7	-	-	10600	1500	570	167	-	25	31
1/1.5	-	-	-	17770	1990	341	295	-	72.9	121
3.1/3.8	4.0/5.0	-	-	4940	425	170	-	44.4	9.6	16
2.1/2.5	-	-	-	3310	1090	100	58.4	-	14.3	12
3.8/4.5	4.2/5.5	-	-	6805	445	195	-	58.2	16.2	23.4
7/8.5	-	-	-	1690	294	90	26.9	-	10.7	6.55
2.7/3.3	4.2/5.4	-	-	4780	1365	51	59	-	10.4	19.6
1.8/2.2	2.9/3.7	-	-	9040	2180	318	130	-	15.4	35
5/5.9	8.9/11.2	-	-	1910	520	30	34.7	-	4.9	11.1
4.4/5.3	-	-	-	1900	890	17	34	-	7.4	13
7.6/9.1	8.8/11	-	-	6810	292	188	86	-	14.5	17.5
9.8/12	-	-	-	1810	252	100	31.2	-	9	9.2
2/2.6	-	-	-	15010	772	81	247	-	63.5	56
3.2/3.9	4.6/6.2	-	-	5160	1346	40	88	-	10.2	24
3.5/4.2	-	-	-	5510	1200	70	95.5	-	23.5	32
6.5/7.4	-	-	-	2490	823	44	40.3	-	9.4	16
2.6/3.2	3.4/4.6	-	-	7036	1490	86	138	-	22.4	35.1
1.3/1.6	1.8/2.4	-	-	14000	3050	195	278	-	31	78
2.6/3.1	3.4/4.4	-	-	5150	970	13	81	-	16	19
2.8/3.4	-	-	-	4600	990	16	68	-	19	20
1.5/1.8	-	-	-	9300	1920	18	144	-	38	41
65/85	-	-	-	615	47	29	10.5	-	4.8	2.9
15/18	20/28	-	-	1850	160	85	37.6	-	11.7	9.8
3/3.5	-	-	-	19000	680	270	295	-	70	75

5.5/6.5	7/9	-	-	4570	1180	49	58.2	-	9.2	20.8
5.4/6.2	7.7/9.5	-	-	3590	590	30	57.9	-	10.8	18.2
2.8/3.2	3.6/4.6	-	-	8050	1480	15	145	-	18.1	35
2.9/3.5	-	-	-	6880	1460	25	120	-	26	40
6.8/8.1	-	-	-	1900	432	4.7	31	-	7	11
5.3/6.4	-	-	-	2240	380	10	31	-	7.7	8.9
3.5/4.2	4.5/6.0	-	-	6680	1690	78	110	-	11.5	28
3.7/4.4	-	-	-	5100	1045	35	88	-	18.5	28.3
1.8/2.2	2.4/3	-	-	13300	3380	156	192	-	27	24
1.9/2.3	-	-	-	10100	2020	53	192	-	18.5	28.3
10/12	14/18	-	-	1180	250	2.2	15.4	-	3.9	4.6
19/23	-	-	-	660	135	5	9	-	2	4
2.6/3.1	3.2/4.2	-	-	6130	1170	25	107	-	14	26
2.8/3.4	-	-	-	5600	1200	6	92	-	19	27
16/19	-	-	-	865	175	6	11.4	-	2.6	4
3.3/4	4.2/5.5	-	-	4000	750	10	65	-	9.4	14
3.4/4.1	-	-	-	3750	750	10	56	-	13.5	15
1.9/2.3	-	-	-	7700	1500	30	122	-	27	33
17/20	23/30	-	-	1700	135	7.5	26	-	4.6	7.2
6.4/7.6	8.5/11	-	-	4500	350	10	70	-	14	16
45/54	-	-	-	1080	80	5.5	15	-	3.4	5.4
16/19	-	-	-	2300	220	10	39	-	9.5	15
4.8/5.8	-	-	-	8525	700	25	130	-	36	32
19/24	-	-	-	15325	573	34	238	-	62	58
270/320	-	-	-	910	28	1.1	27	-	5.5	8
160/190	-	-	-	1400	55	1.3	47	-	5	14
3.3/4	4.4/5.7	-	-	7500	1200	940	150	-	24	28
7.6/9.2	9.3/12	-	-	8620	486	288	138	-	25.4	12.8
3.9/4.7	4.8/6.2	-	-	17850	1700	680	275	-	51	25
22/27	28/36	-	-	2595	162	115	43.8	-	4.6	8.3
17.7/21	19/25	-	-	12000	320	245	200	-	29	30
-	-/9	-/10	-/11.5	1920	280	180	-	29.8	2.7	9
-	10/12	11/14	-	1020	160	110	-	16.9	1.1	4
-	22/26	28/37	-	390	70	60	9.2	-	0.4	1.9

Rg Ω	EAS (mJ)	I _D (A)				P _D (W)			ESD Diode	Schokkty Diode
		Tc=25°C	Tc=100°C	TA=25°C	TA=70°C	Tc=25°C	TA=25°C	TA=70°C		
-	-	-	-	16	12.8	-	2	-	O	X
-	-	-	-	12	9.6	-	2	-	O	X
-	-	-	-	16	12.8	-	2	-	O	X
-	-	5.5	3.5	-	-	1.5	-	-	O	X
2	-	-	-	9.9	7.9	-	2.01	-	O	X
2.2	-	-	-	8	6.4	-	2	-	X	X
2.8	13	-	-	10	8	-	2.01	-	X	X
2.1	-	-	-	8	6.4	-	2	-	X	X
0.8	-	-	-	7	5.6	-	2	-	X	X
-	-	8.5	5.4	-	-	3.3	-	-	X	X
-	39.2	-	-	6.1	4.8	-	2.01	-	X	X
-	-	-	-	4.7	3.8	-	2.01	-	X	X
-	31	-	-	5	3.2	-	2	-	X	X
-	-	-	-	6	4.8	-	1.25	-	X	X
-	-	-	-	4.8	3.8	-	1.25	-	X	X
0.95	-	-	-	5	4	-	1.25	-	X	X
2.8	-	-	-	1.2	0.96	-	1.25	-	X	X
-	-	0.2	-	0.2	0.16	-	1.25	-	O	X
-	-	-	-	3	2.4	-	1.25	-	X	X
-	-	-	-	6	4.8	-	1.25	-	X	X
-	-	-	-	4	3.2	-	1.25	-	X	X
-	-	3.8	2.3	-	-	1.25	-	-	X	X
-	-	2.5	1.5	-	-	1.25	-	-	X	X
2	-	-	-	8.4	6.7	-	1.56	-	O	X
-	-	-	-	24	19.2	13.6	-	-	O	X
-	-	32	20.2	-	-	20	-	-	O	X
-	-	20	12.7	10	8	10.8	1.56	-	O	X
-	-	3.8	2.3	-	-	1.25	-	-	X	X
-	-	2.5	1.5	-	-	1.25	-	-	X	X
-	-	30	19	-	-	27	-	-	X	X
-	-	30	19	-	-	27	-	-	O	X
-	-	40	25.3	-	-	27	-	-	O	X
-	-	24	15	-	-	27	-	-	O	X
-	-	40	25.3	-	-	27	-	-	O	X
2.8	13	19.5	12.3	10.8	6.8	27	-	-	X	X
2.5	88	64	40.5	-	-	36.7	-	-	X	X
2.7	45	45	28.5	-	-	27.2	-	-	X	X
2.8	13	35	22	-	-	21.5	-	-	X	X
2.2	18	25	15.8	-	-	16.9	-	-	X	X
2.7	45	42	26.6	-	-	24.7	-	-	X	X
2.2	18	23	14.5	-	-	15.4	-	-	X	X
-	320	150	95	-	-	86	-	-	X	X
-	-	8.5	5.3	-	-	3	-	-	O	X
-	-	20	12.6	-	-	27	-	-	O	X
3.2	-	-	-	10	8	-	2.5	-	X	X
19	-	-	-	6	4.8	-	2.5	-	X	X
1.3	-	80	51	-	-	66	-	-	X	X
-	-	70	44	-	-	44.6	-	-	X	X
-	120	65	41	-	-	45	-	-	X	X
2	-	30	19	-	-	26	-	-	O	X
1.3	157	80	51	-	-	51	-	-	X	X
1.2	48	50	32	-	-	29	-	-	X	X
4	76	60	38	-	-	33	-	-	X	X
2	125	80	51	-	-	66	-	-	X	X
2.5	88	60	38	-	-	45	-	-	X	X
2.5	88	60	38	-	-	45	-	-	O	X
2.7	45	48	30	-	-	35	-	-	X	X
2.4	45	54	34	-	-	34.7	-	-	X	X
2.7	45	48	30	-	-	35	-	-	O	X
2.8	13	35	22	-	-	27	-	-	X	X
3.2	14	25	16	-	-	21	-	-	X	X
2	45	45	28.5	-	-	30	-	-	X	X
2	65	50	32	-	-	33	-	-	X	X
1.14	115	64	40	-	-	44.6	-	-	X	X
1.5	115	72	45.5	-	-	44.6	-	-	X	X
1.6	-	70	44.3	-	-	52	-	-	X	X
2.2	-	35	22.1	-	-	44	-	-	X	X
1.4	76	60	38	-	-	51	-	-	X	X
2	29	30	19	-	-	26	-	-	X	X
1	65	45	28	-	-	33	-	-	X	X

1.6	61	42	26	-	-	52	-	-	X	X
2.2	42	33	20	-	-	44.6	-	-	X	X
2.9	31	20	12.6	-	-	33	-	-	X	X
1.8	45	35	22	-	-	46	-	-	X	X
1.2	140	58	37	-	-	61.2	-	-	X	X
1.2	140	75	47	-	-	61.2	-	-	X	X
0.3	51.2	48	30.4	-	-	42	-	-	X	X
0.8	45	46	29.1	-	-	42	-	-	X	X
0.3	9.1	35	22	-	-	33.8	-	-	X	X
1	88	65	42	-	-	62	-	-	X	X
1.1	125	60	38	-	-	60	-	-	X	X
2	6	10	6.3	-	-	29.8	-	-	X	X
1.14	115	48	30	-	-	61	-	-	X	X
1.04	115	48	30	-	-	61	-	-	X	X
0.8	51	28	17.7	-	-	44	-	-	X	X
0.8	34	16	10	-	-	32.5	-	-	X	X
0.9	72	35	22	-	-	52	-	-	X	X
0.9	76	35	22	-	-	52	-	-	X	X
1.2	34	35	22	-	-	64	-	-	X	X
-	-	60	38	-	-	62.5	-	-	X	X
-	-	26	15	-	-	44	-	-	X	X
5	157	55	35	-	-	51	-	-	X	X
8.5	-	50	32	-	-	59	-	-	X	X
8.5	-	55	34	-	-	59	-	-	X	X
-	-	30	19	-	-	23	-	-	X	X
-	-	30	19	-	-	27	-	-	X	X
-	-	30	19	-	-	27	-	-	O	X
-	125	45	28.5	-	-	46	-	-	X	X
-	130	38	24	-	-	52	-	-	X	X
6.8	100	40	25	-	-	52	-	-	X	X
16	31	12	7.6	-	-	33.8	-	-	X	X
30	11.5	2	1.3	-	-	7.8	-	-	-	-
2	-	30	19	-	-	26	-	-	O	X
2	-	-	-	8.6	6.8	-	1.67	-	O	X
2.7	45	42	27	-	-	35	-	-	X	X
2.8	13	35	22	-	-	27	-	-	X	X
3.2	14	20	13	-	-	20	-	-	X	X
2	45	30	19	-	-	22	-	-	X	X
1.3	-	7.8	4.9	-	-	27.1	-	-	X	X
2.8	-	5.1	3.2	1.6	1.28	20.1	-	-	X	X
2	-	2	1.25	-	-	27.1	-	-	X	X
2.8	13	19.5	12.3	10.8	6.8	27	-	-	X	X
-	-	7.5	4.5	-	-	25	-	-	X	X
-	-	-	-	5.6	4.5	-	1.67	-	O	X
3.2	32	12	7.6	-	-	20	-	-	X	X
-	63	16	10.1	-	-	20	-	-	X	X
2.7	20	30	19	-	-	22	-	-	X	X
13	45	25	16	-	-	22	-	-	X	X
2.8	-	10	6.3	-	-	2.5	-	-	X	X
-	-	7	4.4	-	-	2.5	-	-	X	X
2.7	34	25	16	-	-	19	-	-	X	X
16	30	17	11	-	-	19	-	-	X	X
3.2	14	8	5.1	-	-	2.5	-	-	X	X
-	5	4.8	3	-	-	2.5	-	-	X	X
3.2	14	12	7.2	-	-	20	-	-	X	X
-	5	8	4.8	-	-	20	-	-	X	X
-	120	85	54	-	-	74	-	-	X	X
1.3	157	110	70	-	-	82	-	-	X	X
1.35	605	210	130	-	-	142	-	-	X	X
1.2	48	60	38	-	-	47	-	-	X	X
4	76	80	51	-	-	53	-	-	X	X
1.2	245	130	82	-	-	166	-	-	X	X
2.5	88	80	51	-	-	74	-	-	X	X
2.7	45	60	38	-	-	54	-	-	X	X
2.8	34	48	30	-	-	43	-	-	X	X
2	45	55	35	-	-	47	-	-	X	X
2	65	65	42	-	-	53	-	-	X	X
1.6	180	165	105	-	-	135	-	-	X	X
1.14	115	82	52	-	-	73.5	-	-	X	X
2.1	288	150	95	-	-	122	-	-	X	X
1.5	423	240	150	-	-	178	-	-	X	X
2	125	90	57	-	-	115	-	-	X	X
2.5	88	80	51	-	-	74	-	-	O	X
2.7	45	65	41	-	-	54	-	-	X	X
2	135	100	64	-	-	67	-	-	X	X
2.5	88	80	51	-	-	74	-	-	O	X

2.7	45	60	38	-	-	54	-	-	O	X
1.2	360	140	88	-	-	142	-	-	X	X
1.6	-	90	57	-	-	83	-	-	X	X
2.2	76	70	44	-	-	72.3	-	-	X	X
1.4	312	100	63	-	-	135	-	-	X	X
1.2	76	70	44	-	-	83	-	-	X	X
2	200	140	90	-	-	73.5	-	-	X	X
1.4	450	200	130	-	-	92.6	-	-	X	X
1.7	205	135	85.4	-	-	121	-	-	X	X
2	24	40	25.6	-	-	42	-	-	X	X
1	65	60	38	-	-	55	-	-	X	X
1.3	259	150	96	-	-	129	-	-	X	X
-	320	150	95	-	-	129	-	-	X	X
-	660	200	126	-	-	129	-	-	X	X
1.3	450	100	63	-	-	142	-	-	X	X
1.6	181	85	53.8	-	-	135	-	-	X	X
1.3	238	55	34.8	-	-	135	-	-	X	X
1.6	61	50	31	-	-	96	-	-	X	X
1.8	45	42	26	-	-	62.5	-	-	X	X
2.6	42	40	25	-	-	83	-	-	X	X
1.1	423	140	88	-	-	110	-	-	X	X
1.8	245	130	82	-	-	142	-	-	X	X
1.24	174	90	57	-	-	125	-	-	X	X
1.4	218	120	76	-	-	125	-	-	X	X
1.48	210	110	70	-	-	138	-	-	X	X
1.2	140	83	52	-	-	96	-	-	X	X
1.2	151.3	95	60	-	-	96	-	-	X	X
0.3	51.2	55	34.8	-	-	67	-	-	X	X
0.9	68.5	60	38	-	-	67	-	-	X	X
0.9	72	55	35	-	-	67	-	-	X	X
0.3	9.1	44	27	-	-	54.3	-	-	X	X
1	88	70	45	-	-	83	-	-	X	X
1	231	75	47.5	-	-	135	-	-	X	X
1.65	245	100	63	-	-	142	-	-	X	X
1.5	400	130	82	-	-	142	-	-	X	X
1	201	80	50	-	-	125	-	-	X	X
1.1	125	75	48	-	-	98	-	-	X	X
1.8	520	160	102	-	-	192	-	-	X	X
1.8	520	150	96	-	-	192	-	-	X	X
1.2	205	60	38	-	-	142	-	-	X	X
1.6	101	54	34	-	-	136	-	-	X	X
1.8	11.3	25	15.8	-	-	73.5	-	-	X	X
1.35	45	45	28	-	-	135	-	-	X	X
2	320	70	44	-	-	142	-	-	X	X
1.7	405	90	58	-	-	142	-	-	X	X
1.43	211	62	39.2	-	-	125	-	-	X	X
1.2	174	75	47.4	-	-	125	-	-	X	X
1.1	205	80	51	-	-	125	-	-	X	X
1.25	231	65	41.1	-	-	139	-	-	X	X
1.5	205	90	57	-	-	134	-	-	X	X
1.14	115	50	32	-	-	98	-	-	X	X
1.04	115	60	38	-	-	98	-	-	X	X
1	125	55	35	-	-	98	-	-	X	X
2.2	61.3	40	25.3	-	-	121	-	-	X	X
0.8	51	35	22	-	-	68	-	-	X	X
0.8	60	35	22	-	-	68	-	-	X	X
0.8	34	20	12.6	-	-	50	-	-	X	X
0.9	72	45	28.5	-	-	83	-	-	X	X
0.9	76	40	26	-	-	83	-	-	X	X
1.8	405	140	88	-	-	192	-	-	X	X
1.8	405	130	83	-	-	192	-	-	X	X
1.2	34	40	25	-	-	95	-	-	X	X
1.4	151	60	38	-	-	125	-	-	X	X
1.7	266	85	54	-	-	240	-	-	X	X
1.4	-	15	9.5	-	-	135	-	-	X	X
0.8	33	25	16	-	-	101	-	-	X	X
0.5	88	60	38	-	-	205	-	-	X	X
1.5	153	65	41	-	-	192	-	-	X	X
2.6	24.5	4	2.5	-	-	95	-	-	X	X
2.6	-	90	54	-	-	41.6	-	-	X	X
5	157	70	45	-	-	82	-	-	X	X
-	320	100	63.2	-	-	138	-	-	X	X
8.5	-	60	38	-	-	96	-	-	X	X
11	54	35	22	-	-	53	-	-	X	X
11	54	40	26	-	-	53	-	-	X	X
-	-	90	56	-	-	136	-	-	X	X

-	125	70	45	-	-	82	-	-	X	X
6.6	245	100	64	-	-	121	-	-	X	X
4.2	245	85	53.7	-	-	135	-	-	X	X
6.8	100	50	32	-	-	82	-	-	X	X
-	320	72	45.5	-	-	142	-	-	X	X
8	105	40	26	-	-	96	-	-	X	X
14	58	25	16	-	-	72	-	-	X	X
2.5	88	40	25.3	-	-	46	-	-	X	X
2.8	36.5	45	28.5	-	-	43	-	-	X	X
2.2	64	30	19	-	-	46	-	-	X	X
1.6	61	50	31	-	-	96	-	-	X	X
0.9	20	45	28.5	-	-	67	-	-	X	X
1.3	-	10	6.3	-	-	43	-	-	X	X
2.8	-	6.6	4.2	-	-	32.2	-	-	X	X
0.8	51	25	15.8	-	-	50	-	-	X	X
1.7	5	10	6.3	-	-	39	-	-	X	X
-	18	8	5.1	-	-	39	-	-	X	X
2.5	88	80	51	-	-	54	-	-	X	X
2.7	45	55	35	-	-	40	-	-	X	X
2.7	45	43	27.2	-	-	27.2	-	-	X	X
2	88	85	54	-	-	48	-	-	X	X
3	58	39	24.6	-	-	34.7	-	-	X	X
1.2	88	60	37.9	-	-	41.7	-	-	X	X
2.8	39.2	23.3	14.7	-	-	17.4	-	-	X	X
-	39.2	15.2	9.6	-	-	17.4	-	-	X	X
1.2	13	18	12	-	-	17	-	-	X	X
8.6	14	10	6	-	-	17	-	-	X	X
6.9	125	80	50.6	-	-	91	-	-	X	X
2.8	45	42	26.5	-	-	34.7	-	-	X	X
-	51	27	17	-	-	34.7	-	-	X	X
1.2	48	-	-	12	9.6	-	2	-	X	X
4	76	-	-	15	12	-	2	-	X	X
2	125	30	19	-	-	7	-	-	X	X
2.5	-	20	12.6	-	-	5.4	-	-	X	X
2.7	-	15	9.5	-	-	4	-	-	X	X
2.8	13	10	6.3	-	-	2.1	-	-	X	X
3.2	32	9	5.7	-	-	2.5	-	-	X	X
2.1	218	-	-	20	16	-	2	-	X	X
1.6	101	-	-	12	9.6	-	1.47	-	X	X
2.2	-	-	-	9	5.7	-	1.47	-	X	X
3	76	13	10	-	-	2.1	-	-	X	X
1.9	24.2	-	-	7.9	6.3	-	1.47	-	X	X
2.1	-	-	-	8	6.4	-	1.47	-	X	X
1.6	181	30	19	-	-	10.4	-	-	X	X
1.3	238	14	56	-	-	2	-	-	X	X
1.6	61	10	6.3	-	-	2.5	-	-	X	X
1.8	45	6.5	4.1	-	-	1.5	-	-	X	X
2.2	42	6	3.6	-	-	1.47	-	-	X	X
1.3	26.5	-	-	5.5	4.4	-	1.47	-	X	X
1.7	11	5.5	3.5	-	-	1.66	-	-	X	X
1.24	174	-	-	15.4	12.3	-	2.01	-	X	X
1.4	218	-	-	17	13.6	-	2	-	X	X
1.2	140	-	-	12	9.6	-	1.47	-	X	X
1.2	140	-	-	14	11.2	-	2	-	X	X
0.3	51.2	-	-	8.8	7	-	1.47	-	X	X
1	45	-	-	10	8	-	2	-	X	X
0.3	9.1	-	-	7.4	5.9	1.47	-	-	X	X
1	88	-	-	10	8	-	2	-	X	X
1.45	180	19	12	-	-	10.2	-	-	X	X
1.1	125	-	-	12	9.6	-	2	-	X	X
1.6	-	15	9.5	-	-	9.6	-	-	X	X
1.35	-	10	6.3	-	-	10.4	-	-	X	X
1.43	211	12	7.6	-	-	5	-	-	X	X
1.2	174	-	-	10	8	-	2	-	X	X
1.25	231	19	12	-	-	10.4	-	-	X	X
1.14	115	-	-	7.4	5.9	-	1.47	-	X	X
1.04	115	-	-	8	5.1	-	2	-	X	X
0.8	51	-	-	6	4.8	-	2	-	X	X
0.9	36	6	3.8	-	-	3.78	-	-	X	X
0.9	72	-	-	8	6.4	-	2	-	X	X
0.9	76	-	-	7	5.6	-	2	-	X	X
1.4	138	-	-	8	5.1	-	2	-	X	X
1.4	-	4	2.5	-	-	2.5	-	-	X	X
0.8	33	-	-	4	3.2	-	2	-	X	X
-	-	11	7	-	-	2.5	-	-	X	X
-	-	14	8.8	-	-	2	-	-	X	X

-	-	13	7.8	-	-	4.2	-	-	X	X
-	-	10	6.3	-	-	2.5	-	-	X	X
-	-	8	5.1	-	-	2.1	-	-	X	X
-	39.2	-	-	5.7	4.6	-	1.47	-	X	X
-	-	5.5	3.48	-	-	-	2.1	-	X	X
-	-	24	-	-	-	-	2.1	-	X	X
-	125	-	-	10	8	-	2	-	X	X
6.9	-	-	-	16	12.8	-	3.1	-	X	X
-	-	7	4.4	-	-	3.2	-	-	O	X
-	-	10	6.3	-	-	4.2	-	-	X	X
-	31	6.5	4.1	-	-	3.3	-	-	X	X
-	-	8.5	5.4	-	-	4.1	-	-	X	X
14	58	-	-	4	3.2	-	2	-	X	X
16	31	-	-	3.8	3	-	2	-	X	X
7	39	-	-	2.9	2.3	-	1.47	-	X	X
16	-	-	-	1.8	1.4	-	2	-	X	X
2.7	-	-	-	9	7.2	-	1.47	-	X	X
2.8	13	10	6.3	-	-	-	2.1	-	X	X
3.2	14	7.5	4.8	-	-	-	2.1	-	X	X
0.9	5	-	-	5.3	4.2	-	1.47	-	X	X
2.2	76	12	7.5	-	-	-	2.1	-	X	X
2.6	4.9	-	-	8	6.4	-	2	-	X	X
1.2	14	8.5	5	-	-	3.7	-	-	X	X
3	76	10	6.3	-	-	2.1	-	-	X	X
2.2	42	20	13	-	-	2.1	-	-	X	X
2.1	26.5	-	-	5	4	-	1.47	-	X	X
1.7	11.25	4.5	2.85	-	-	2.1	-	-	X	X
-	-	10	6.3	-	-	2.1	-	-	X	X
-	61	7	4.43	-	-	2.1	-	-	X	X
16	36.5	-	-	4.6	3.7	-	1.47	-	X	X
27	-	-	-	4	3.1	-	3.2	-	X	X
-	3.2	-	-	2.2	1.8	-	1.47	-	X	X
2.8	-	10	6.3	-	-	5	-	-	X	X
-	-	6.5	4.1	-	-	5	-	-	X	X
3.2	14	8	5	-	-	2.5	-	-	X	X
-	5	5.5	3.5	-	-	2.5	-	-	X	X
-	-	6.7	4.3	-	-	2.5	-	-	X	X
-	-	7.2	4.5	-	-	2.5	-	-	X	X
2.1	26.4	-	-	5.9	4.7	-	2.01	-	X	X
15	54.4	-	-	4.7	3.8	-	2.01	-	X	X
2.8	-	-	-	6	4.8	-	2	-	X	X
16	-	-	-	4.5	3.6	-	2	-	X	X
1.7	-	4.5	2.85	-	-	3.57	-	-	X	X
-	-	3.5	2.21	-	-	3.57	-	-	X	X
0.9	36	-	-	4.5	3.6	2	-	-	X	X
1.48	2.5	-	-	2.1	1.7	-	1.47	-	X	X
15	6.1	-	-	1.7	1.4	-	1.47	-	X	X
1.7	11	6.8	4.3	-	-	5.4	-	-	X	X
2	8	-	-	5	4	1.79	-	-	X	X
1.3	-	6.5	4.1	-	-	9	-	-	X	X
1.3	-	3	1.8	-	-	1.78	-	-	X	X
2.8	-	1.7	1.1	-	-	1.76	-	-	X	X
2	-	4	2.6	-	-	5.2	-	-	X	X
1.5	-	3	1.9	-	-	1.78	-	-	X	X
3	-	5	3.1	-	-	8.3	-	-	X	X
-	-	1	0.6	-	-	5.2	-	-	X	X
-	-	-	-	6	4.75	-	1.78	-	X	X
-	-	4.5	2.85	-	-	1.78	-	-	X	X
36	25	5	-	3.2	-	5.4	2	-	X	X
16	24	-	-	2	1.6	-	1.78	-	X	X
0.9	-	-	-	3.5	2.7	-	1.56	-	X	X
-	-	-	-	6.5	5.2	-	1.56	-	X	X
-	-	-	-	5.8	4.6	-	1.56	-	X	X
-	-	-	-	4.8	3.8	-	1	-	X	X
-	25	-	-	3	2.4	-	1.56	-	X	X
-	-	6.7	4.2	-	-	1.56	-	-	X	X
-	-	5.8	3.7	-	-	1.56	-	-	X	X
-	-	5	3.2	-	-	1.56	-	-	X	X
-	-	4	2.5	-	-	1.56	-	-	X	X
-	-	-	-	1.45	1.15	-	1	-	O	X
-	-	5.3	3.4	-	-	1.56	-	-	X	X
-	-	-	-	5	4	-	1.56	-	X	X
3.2	32	6.5	4.1	-	-	1.56	-	-	X	X
1.15	7.32	5.5	3.5	-	-	1.56	-	-	X	X
0.9	-	-	-	5.1	4.1	-	1.56	-	X	X
-	-	5	3	-	-	1.56	-	-	X	X

2	-	3.2	2	-	-	1.56	-	-	X	X
-	-	-	-	0.2	0.16	-	0.35	-	O	X
-	-	-	-	0.2	0.16	-	0.35	-	O	X
1.3	-	2	1.3	-	-	1.56	-	-	X	X
2.8	-	-	-	1.4	1.12	-	1.56	-	X	X
-	-	-	-	0.3	0.24	-	1.56	-	O	X
-	-	5.8	3.7	-	-	1.56	-	-	X	X
-	-	4.7	3	-	-	1.56	-	-	X	X
-	-	-	-	4.1	3.3	1.56	-	-	X	X
-	-	3.3	2.1	-	-	1.56	-	-	X	X
-	-	3.3	2.1	-	-	1.56	-	-	O	X
-	-	2.5	1.6	-	-	1.56	-	-	X	X
-	-	5.8	3.7	-	-	1.56	-	-	O	X
-	-	-	-	3.8	3	-	1.56	-	O	X
-	-	-	-	4.6	3.7	-	1.56	-	O	X
-	-	4.1	2.6	-	-	1.56	-	-	X	X
-	-	-	-	0.9	0.7	-	1.56	-	O	X
-	39.2	-	-	5.1	3.2	-	1.56	-	X	X
-	-	-	-	4.1	3.3	-	1.56	-	X	X
-	-	4	2.5	-	-	1.56	-	-	X	X
9.5	-	-	-	3.3	2.64	-	1.56	-	X	X
-	-	-	-	2.9	2.32	-	1	-	X	X
16	-	-	-	3	2.4	-	1.56	-	X	X
-	32	2	1.25	-	-	1.56	-	-	X	X
-	-	-	-	0.5	0.4	-	1.56	-	O	X
-	-	-	-	0.3	0.24	-	1	-	O	X
31	-	-	-	0.84	0.67	-	1.56	-	X	X
2	-	-	-	1.2	0.96	-	1.56	-	X	X
30	-	1	0.63	-	-	1.56	-	-	X	X
1.5	-	-	-	6	4.8	-	1.56	-	X	X
2.8	-	-	-	7.5	6	-	1.56	-	X	X
3.2	32	-	-	6.5	5.2	1.56	-	-	X	X
-	-	5	3	-	-	1.56	-	-	X	X
2	-	-	-	2.9	2.3	-	1	-	X	X
2	-	-	-	2.4	1.8	-	1.56	-	X	X
2	-	1.4	0.88	-	-	1.56	-	-	X	X
-	-	6.5	4.1	-	-	1.56	-	-	X	X
-	-	5.8	3.7	-	-	1.56	-	-	X	X
-	-	5.8	3.7	-	-	1.56	-	-	O	X
-	-	-	-	4	3.2	-	1.56	-	X	X
-	-	-	-	4.8	3.8	-	1	-	X	X
-	-	-	-	5.5	4.4	-	1.25	-	X	X
-	39.2	8	5.1	5.5	4.4	1.56	-	-	X	X
-	-	4.1	2.6	-	-	1.56	-	-	X	X
22	25	-	-	3.3	2.6	-	2	-	X	X
1.5	-	-	-	6	4.8	-	1.25	-	X	X
-	-	-	-	3.6	2.9	-	1.25	-	X	X
-	-	3.8	2.3	-	-	1.25	-	-	X	X
-	-	2.5	1.5	-	-	1.25	-	-	X	X
3.2	-	4	2.5	-	-	2	-	-	X	X
-	-	3	1.8	-	-	2	-	-	X	X
-	-	-	-	3	2.4	-	1.25	-	X	X
2.8	-	-	-	1.5	1.2	-	1.56	-	X	X
-	-	-	-	0.8	0.64	-	0.275	-	O	X
1.1	-	1.8	1.15	-	-	0.275	-	-	X	X
-	-	-	-	0.6	0.48	-	0.278	-	O	X
-	-	-	-	0.3	0.24	-	0.313	-	O	X
-	-	-	-	1.5	-	-	0.313	-	X	X
-	-	0.4	0.25	-	-	0.275	-	-	O	X
-	-	-	-	0.4	0.25	-	0.278	-	O	X
-	-	-	-	1.4	1.1	-	0.278	-	X	X
0.9	-	-	-	2.1	1.68	-	0.278	-	X	X
-	-	-	-	0.8	0.64	-	0.275	-	O	X
-	-	0.8	0.51	-	-	0.275	-	-	O	X
-	-	-	-	0.2	0.24	-	0.278	-	O	X
-	-	-	-	0.54	0.43	-	0.278	-	O	X
-	-	-	-	0.8	0.64	-	0.275	-	O	X
-	-	-	-	0.4	0.32	-	0.275	-	O	X
-	-	-	-	0.8	0.64	-	0.312	-	O	X
-	-	0.6	0.38	-	-	0.31	-	-	O	X
-	-	-	-	0.3	0.24	-	0.313	-	O	X
-	-	0.4	0.25	-	-	0.312	-	-	O	X
-	-	-	-	0.8	0.64	-	0.312	-	O	X
-	-	0.4	0.25	-	-	0.312	-	-	O	X
-	-	-	-	0.8	0.64	-	0.312	-	O	X
-	-	-	-	0.4	0.32	-	0.312	-	O	X

-	-	-	-	0.8	0.64	-	0.45	-	O	X
-	-	-	-	0.78	0.62	-	0.45	-	O	X
-	-	-	-	0.3	0.24	-	0.45	-	O	X
-	-	0.4	0.25	-	-	0.45	-	-	O	X
-	-	-	-	0.55	0.44	-	0.45	-	O	X
-	-	-	-	0.5	0.4	-	0.155	-	O	X
-	-	0.4	0.25	-	-	0.155	-	-	O	X
-	-	-	-	0.2	0.16	-	0.156	-	O	X
-	-	0.25	0.16	-	-	0.155	-	-	O	X
-	-	5.6	3.5	-	-	1.47	-	-	X	X
-	-	6.5	4.1	-	-	1.47	-	-	X	X
2.7	-	-	-	7.5	6	-	1.47	-	X	X
3.2	32	7.5	4.74	-	-	4.1	-	-	X	X
2	8	5	3.2	-	-	1.79	-	-	X	X
2	6	3	1.9	-	-	6.9	-	-	X	X
-	-	-	-	4	3.2	-	1.6	-	X	X
-	-	0.8	0.51	-	-	0.275	-	-	O	X
2.7	1350	165	104	-	-	430	-	-	X	X
1.2	245	200	126	-	-	139	-	-	X	X
2	125	140	89	-	-	125	-	-	X	X
2.7	45	70	44	-	-	40	-	-	X	X
1.6	180	176	111	-	-	168	-	-	X	X
2	231	150	95	-	-	152	-	-	X	X
1.2	360	160	100	-	-	184	-	-	X	X
1.6	115	100	63	-	-	121	-	-	X	X
1.4	312	150	95	-	-	166	-	-	X	X
2.07	1377	170	107	-	-	125	-	-	X	X
1.7	205	150	95	-	-	205	-	-	X	X
-	320	180	114	-	-	160	-	-	X	X
-	660	210	134	-	-	160	-	-	X	X
1.3	450	114	72	-	-	183	-	-	X	X
1.6	61	55	35	-	-	96	-	-	X	X
2.2	42	50	32	-	-	104	-	-	X	X
2.1	24	30	19	-	-	27	-	-	X	X
1.7	11	24	15.2	-	-	54	-	-	X	X
1.6	181	100	63.2	-	-	169	-	-	X	X
1.3	238	70	44	-	-	113	-	-	X	X
1.6	1065	170	105	-	-	208	-	-	X	X
1.2	451	200	126	-	-	223	-	-	X	X
1.8	245	150	94	-	-	183	-	-	X	X
1.8	245	150	94	-	-	183	-	-	X	X
1.24	174	115	72	-	-	160	-	-	X	X
1.5	273	130	83	-	-	154	-	-	X	X
2.16	500	180	113	-	-	278	-	-	X	X
1.2	140	85	54	-	-	122	-	-	X	X
1	140	80	50	-	-	122	-	-	X	X
1.2	163	100	63	-	-	129	-	-	X	X
1.2	180	100	63	-	-	129	-	-	X	X
0.9	72	65	41	-	-	89	-	-	X	X
1	88	80	51	-	-	103	-	-	X	X
1.6	230	120	75	-	-	183	-	-	X	X
1.45	180	70	44	-	-	113	-	-	X	X
1.8	1280	200	126	-	-	208	-	-	X	X
1.65	245	120	76	-	-	184	-	-	X	X
1.5	451	110	70	-	-	184	-	-	X	X
0.84	225	85	53	-	-	154	-	-	X	X
1.94	660	180	114	-	-	278	-	-	X	X
1.1	125	80	50	-	-	128	-	-	X	X
1.8	520	175	110	-	-	240	-	-	X	X
0.9	1296	260	164	-	-	350	-	-	X	X
1.2	205	80	50	-	-	183	-	-	X	X
1.2	-	25	15	-	-	125	-	-	X	X
2.1	18	20	13	-	-	74	-	-	X	X
1.35	11.3	60	38	-	-	113	-	-	X	X
1.35	100	60	38	-	-	113	-	-	X	X
1.8	280	160	100	-	-	208	-	-	X	X
2	320	100	63	-	-	184	-	-	X	X
0.9	830	140	88	-	-	183	-	-	X	X
1.5	151	100	63	-	-	184	-	-	X	X
1.43	211	80	50.6	-	-	156	-	-	X	X
1	192	80	50	-	-	156	-	-	X	X
1.2	174	85	54	-	-	154	-	-	X	X
1.1	205	85	53	-	-	154	-	-	X	X
1.25	231	80	50.6	-	-	173	-	-	X	X
1.9	378	150	95	-	-	275	-	-	X	X
1.1	1050	260	164	-	-	416	-	-	X	X

1.97	605	145	92	-	-	275	-	-	X	X
1.14	115	70	44	-	-	122	-	-	X	X
1.04	115	70	44	-	-	122	-	-	X	X
1	125	65	41	-	-	129	-	-	X	X
0.8	60	40	26	-	-	90	-	-	X	X
2	1150	175	110	-	-	290	-	-	X	X
2	1250	175	110	-	-	290	-	-	X	X
0.9	76	45	29	-	-	103	-	-	X	X
1.8	405	135	85	-	-	240	-	-	X	X
1	952	190	120	-	-	225	-	-	X	X
1.2	34	50	32	-	-	122	-	-	X	X
1.4	151	60	38	-	-	154	-	-	X	X
1.7	266	95	60	-	-	180	-	-	X	X
1.4	242	28	17.7	-	-	113	-	-	X	X
2	280	80	50	-	-	208	-	-	X	X
0.8	33	30	19	-	-	128	-	-	X	X
0.5	88	60	38	-	-	207	-	-	X	X
1.5	153	65	41	-	-	223	-	-	X	X
2.7	1350	150	95	-	-	305	-	-	X	X
6.5	364	18	12	-	-	120	-	-	X	X
2.3	420	20	13	-	-	83	-	-	X	X
3.1	800	30	19	-	-	138	-	-	X	X
1.8	280	60	38	-	-	208	-	-	X	X
1.19	-	9	5.7	-	-	72	-	-	X	X
5	157	80	51	-	-	100	-	-	X	X
2.6	280	5	3.1	-	-	69.5	-	-	X	X
2.4	550	9	5.7	-	-	89	-	-	X	X
2.2	720	13	8.2	-	-	48	-	-	X	X
2	2000	18	11.5	-	-	240	-	-	X	X
2.2	720	10	6.3	-	-	113	-	-	X	X
2.3	245	7	4.4	-	-	66	-	-	X	X
2	680	9	5.7	-	-	100	-	-	X	X
2	492	25	16	-	-	170	-	-	X	X
2.6	245	4	2.5	-	-	64	-	-	X	X
2	605	7	4.4	-	-	100	-	-	X	X
1.6	500	10	6.3	-	-	125	-	-	X	X
27	170	8	5	-	-	75	-	-	X	X
20	210	11	6.9	-	-	95	-	-	X	X
7	290	14	8.8	-	-	114	-	-	X	X
8	420	20	12.5	-	-	160	-	-	X	X
3.5	231	165	106	-	-	222	-	-	X	X
8.5	-	75	47	-	-	83	-	-	X	X
-	-	100	63	-	-	125	-	-	X	X
-	-	55	34	-	-	125	-	-	X	X
-	320	75	47.5	-	-	183	-	-	X	X
15	51	16	10	-	-	46	-	-	X	X
-	245	50	31.6	-	-	171	-	-	X	X
16	31	18	11	-	-	42	-	-	X	X
-	180	35	22	-	-	114	-	-	X	X
10	-	24	15.1	-	-	125	-	-	X	X
16	24.2	10	6.3	-	-	89	-	-	X	X
2	125	66	42	-	-	29	-	-	X	X
3.5	231	100	62	-	-	89	-	-	X	X
1.7	205	85	54	-	-	61	-	-	X	X
1.6	61	35	22	-	-	42	-	-	X	X
2.2	42	30	19	-	-	42	-	-	X	X
2.1	24	20	13	-	-	27	-	-	X	X
1.6	181	60	38	-	-	40.3	-	-	X	X
1.3	238	51	32.3	-	-	41	-	-	X	X
1.8	245	80	62	-	-	52	-	-	X	X
2.16	500	65	41	-	-	98	-	-	X	X
1.5	273	80	51	-	-	62	-	-	X	X
1.2	180	65	41	-	-	52	-	-	X	X
0.9	72	40	26	-	-	36	-	-	X	X
1.6	245	85	61	-	-	78	-	-	X	X
2	684	100	63	-	-	98	-	-	X	X
1.2	-	16.5	10.4	-	-	29	-	-	X	X
2	6	10	6.3	-	-	26.6	-	-	X	X
2	320	75	47	-	-	73.5	-	-	X	X
1.43	211	42	26.5	-	-	37	-	-	X	X
1.25	231	65	41	-	-	50	-	-	X	X
1.9	378	85	54	-	-	66.1	-	-	X	X
1	125	40	25	-	-	51	-	-	X	X
2	1250	95	60	-	-	85	-	-	X	X
1.2	34	30	19	-	-	45	-	-	X	X
1.4	151	40	25	-	-	62	-	-	X	X

1.7	266	60	38	-	-	75	-	-	X	X
2	280	41	25.9	-	-	50	-	-	X	X
2.7	1350	120	76	-	-	186	-	-	X	X
6.5	364	18	12	-	-	60	-	-	X	X
2.3	420	20	13	-	-	25	-	-	X	X
1.8	280	30	19	-	-	50	-	-	X	X
0.59	2100	18	11.3	-	-	40	-	-	X	X
2.2	720	13	8.2	-	-	48	-	-	X	X
2.4	550	9	5.6	-	-	36.8	-	-	X	X
2.6	280	5	3.1	-	-	28.4	-	-	X	X
2.3	245	7	4.4	-	-	36.8	-	-	X	X
2	680	9	5.7	-	-	41.7	-	-	X	X
2.2	720	10	6.3	-	-	44.6	-	-	X	X
2	492	25	16	-	-	60	-	-	X	X
2	588	30	19	-	-	70	-	-	X	X
2.6	228	2	1.26	-	-	22	-	-	X	X
3.4	45	4	2.5	-	-	40	-	-	X	X
2.6	245	4	2.5	-	-	28	-	-	X	X
2	605	7	4.4	-	-	28	-	-	X	X
2	405	9	5.6	-	-	28	-	-	X	X
1.6	500	10	6.3	-	-	48	-	-	X	X
1.6	470	12	7.6	-	-	60	-	-	X	X
2	405	12	7.6	-	-	52	-	-	X	X
27	170	8	5	-	-	25	-	-	X	X
20	210	11	6.9	-	-	30	-	-	X	X
7	290	14	8.8	-	-	38	-	-	X	X
8	420	20	12.5	-	-	45	-	-	X	X
1.34	594	8	5.06	-	-	45	-	-	X	X
5.6	36.5	2.5	1.6	-	-	100	-	-	X	X
6.8	100	32.5	20.5	-	-	31.3	-	-	X	X
-	320	50	31.6	-	-	52	-	-	X	X
15	51	16	10	-	-	19	-	-	X	X
16	31	12	7.6	-	-	17	-	-	X	X
10	-	12	7.5	-	-	48	-	-	X	X
5.6	36.5	2.5	1.6	-	-	100	-	-	X	X
2.07	1377	320	200	-	-	415	-	-	X	X
1.8	245	175	110	-	-	192	-	-	X	X
-	1125	100	63	-	-	235	-	-	X	X
1.8	1280	250	155	-	-	543	-	-	X	X
1.8	520	200	127	-	-	305	-	-	X	X
0.9	1296	270	171	-	-	380	-	-	X	X
1.8	280	210	132	-	-	540	-	-	X	X
1.9	378	170	105	-	-	335	-	-	X	X
2	1250	210	133	-	-	390	-	-	X	X
2.7	1350	160	101	-	-	430	-	-	X	X
2	2000	18	11.5	-	-	379	-	-	X	X
2	492	25	16	-	-	185	-	-	X	X
2	588	30	19	-	-	210	-	-	X	X
2	807	50	32	-	-	265	-	-	X	X
0.9	1152	70	45	-	-	400	-	-	X	X
8	420	20	12.5	-	-	180	-	-	X	X
2.1	281	17	10.8	-	-	195	-	-	X	X
5.6	36.5	2.5	1.6	-	-	100	-	-	X	X
2.2	-	50	31.6	-	-	54	-	-	X	X
1.6	61	70	44	-	-	54.3	-	-	X	X
2.1	24	25	16	-	-	40	-	-	X	X
2	8	11	7	-	-	25	-	-	X	X
2	9	10	6.4	-	-	24	-	-	X	X
1.8	245	95	60	-	-	130	-	-	X	X
0.3	51.2	45	28	-	-	50	-	-	X	X
1	88	65	42	-	-	62	-	-	X	X
1	-	12	7.6	-	-	35	-	-	X	X
1.3	-	15	9.5	-	-	50	-	-	X	X
1.3	-	8	4.8	-	-	32	-	-	X	X
2.1	18	15	9.5	-	-	40	-	-	X	X
1.43	211	60	38	-	-	94	-	-	X	X
1.2	174	70	45	-	-	94	-	-	X	X
1.25	231	70	44.3	-	-	104	-	-	X	X
1.04	115	50	32	-	-	78	-	-	X	X
1	125	45	28.5	-	-	78	-	-	X	X
0.8	51	30	19	-	-	53	-	-	X	X
0.9	72	38	24	-	-	62	-	-	X	X
1.2	34	45	28.5	-	-	97	-	-	X	X
1.4	151	55	35	-	-	105	-	-	X	X
1.7	266	80	51	-	-	133	-	-	X	X
2.6	240	4	2.5	-	-	42	-	-	X	X

2	605	7	4.4	-	-	77	-	-	X	X
27	170	8	5	-	-	65	-	-	X	X
20	210	11	6.9	-	-	75	-	-	X	X
3.6	135	3.2	2	-	-	94	-	-	X	X
15	51	16	10	-	-	25	-	-	X	X
16	31	13	8	-	-	20	-	-	X	X
1.8	58	80	50	-	-	54.3	-	-	X	X
-	-	20	12	-	-	20.8	-	-	X	X
1.2	48	55	35	-	-	35	-	-	X	X
4	76	65	42	-	-	40	-	-	X	X
1.7	125	100	63	-	-	72	-	-	X	X
2.5	88	80	51	-	-	54	-	-	X	X
2.7	45	55	35	-	-	40	-	-	X	X
2.8	13	45	28	-	-	33	-	-	X	X
2.2	18	28	17.7	-	-	24.9	-	-	X	X
2	65	55	35	-	-	40	-	-	X	X
1.6	180	90	57	-	-	100	-	-	X	X
1.14	115	74	46.8	-	-	54.3	-	-	X	X
2	231	130	83	-	-	91	-	-	X	X
2	125	90	57	-	-	88	-	-	X	X
2.5	88	70	44	-	-	54	-	-	O	X
2.7	45	50	32	-	-	40	-	-	O	X
1.6	-	80	50	-	-	88	-	-	X	X
2.2	-	50	31.6	-	-	54	-	-	X	X
2.1	-	34	21.5	-	-	33	-	-	X	X
1.2	-	23	14.5	-	-	25	-	-	X	X
3	76	42	26	-	-	40	-	-	X	X
1.4	312	90	57	-	-	101	-	-	X	X
1.2	76	60	38	-	-	62	-	-	X	X
1.7	205	120	77	-	-	90	-	-	X	X
-	320	130	82	-	-	96	-	-	X	X
1.3	450	90	60	-	-	132	-	-	X	X
1.6	61	45	28	-	-	63	-	-	X	X
2.2	42	38	24	-	-	63	-	-	X	X
1.3	26.5	27	17	-	-	40	-	-	X	X
1.7	11	16	10	-	-	31	-	-	X	X
2	8	11	7	-	-	25	-	-	X	X
2	9	10	6.4	-	-	24	-	-	X	X
1.6	181	75	47	-	-	101	-	-	X	X
1.3	238	55	34.8	-	-	102	-	-	X	X
1.8	245	95	60	-	-	130	-	-	X	X
1.24	174	80	50.6	-	-	94	-	-	X	X
1.4	218	100	64	-	-	94	-	-	X	X
1.5	273	100	64	-	-	94	-	-	X	X
1.2	140	71	45	-	-	73.5	-	-	X	X
1	140	70	45	-	-	74	-	-	X	X
1.2	151.3	80	51	-	-	74	-	-	X	X
0.3	51.2	51	32	-	-	50.4	-	-	X	X
0.9	68.5	50	31.6	-	-	53	-	-	X	X
0.9	72	50	32	-	-	53	-	-	X	X
0.3	9.1	38	24	-	-	40	-	-	X	X
1	88	65	42	-	-	62	-	-	X	X
3	-	15	9.6	-	-	34.7	-	-	X	X
1.45	180	60	38	-	-	102	-	-	X	X
1.65	245	100	63	-	-	130	-	-	X	X
1.1	125	60	38	-	-	77	-	-	X	X
1.2	-	25	15	-	-	73.5	-	-	X	X
1.3	-	15	9.5	-	-	50	-	-	X	X
1.3	-	8	4.8	-	-	32	-	-	X	X
2	6	12	7.6	-	-	34.7	-	-	X	X
2.1	18	15	9.5	-	-	40	-	-	X	X
1.6	101	48	30.4	-	-	101	-	-	X	X
1.35	45	45	28	-	-	102	-	-	X	X
1.35	100	45	28	-	-	102	-	-	X	X
1.7	405	90	58	-	-	128	-	-	X	X
1.43	211	60	38	-	-	94	-	-	X	X
1.2	174	70	45	-	-	94	-	-	X	X
1.25	231	70	44.3	-	-	104	-	-	X	X
1.14	115	45	28.5	-	-	78	-	-	X	X
1.04	115	50	32	-	-	78	-	-	X	X
2.2	61.3	35	22	-	-	91.2	-	-	X	X
0.8	76	28	18	-	-	53	-	-	X	X
0.8	36	20	12.5	-	-	39	-	-	X	X
0.9	72	38	24	-	-	62	-	-	X	X
0.9	76	35	22	-	-	62	-	-	X	X
1.2	34	45	28.5	-	-	97	-	-	X	X

1.4	151	55	35	-	-	105	-	-	X	X
1.7	266	80	51	-	-	133	-	-	X	X
1.4	242	25	16	-	-	102	-	-	X	X
0.8	33	20	13	-	-	76	-	-	X	X
1.5	-	3	1.9	-	-	46	-	-	X	X
2.6	220	9	5.7	-	-	44	-	-	X	X
1	-	7.5	4.7	-	-	59.5	-	-	X	X
6.5	364	18	12	-	-	101	-	-	X	X
2.3	420	20	13	-	-	60	-	-	X	X
5	157	60	38	-	-	61	-	-	X	X
2.4	550	9	5.7	-	-	89	-	-	X	X
2.6	280	5	3.1	-	-	52	-	-	X	X
3.4	45	4	2.5	-	-	70	-	-	X	X
2.6	240	4	2.5	-	-	42	-	-	X	X
2	605	7	4.4	-	-	77	-	-	X	X
3	76	8	5	-	-	90	-	-	X	X
27	170	8	5	-	-	65	-	-	X	X
20	210	11	6.9	-	-	75	-	-	X	X
7	290	14	8.8	-	-	90	-	-	X	X
-	7.6	4	2.5	-	-	42	-	-	X	X
3.6	135	3.2	2	-	-	94	-	-	X	X
3.5	231	140	90	-	-	132	-	-	X	X
8.5	-	70	44	-	-	73.5	-	-	X	X
-	-	35	22	-	-	40	-	-	X	X
-	-	15	9.5	-	-	25	-	-	X	X
-	345	85	54	-	-	104	-	-	X	X
-	130	45	28	-	-	73.5	-	-	X	X
-	31	16	10	-	-	64	-	-	X	X
16	40.9	22	13.9	-	-	34.7	-	-	X	X
4.2	174	90	57	-	-	101	-	-	X	X
6.8	100	45	28	-	-	62	-	-	X	X
-	320	70	44.3	-	-	133	-	-	X	X
-	245	50	31	-	-	102	-	-	X	X
-	245	50	31	-	-	102	-	-	X	X
-	-	35	22.1	-	-	72.6	-	-	X	X
15	51	16	10	-	-	25	-	-	X	X
16	31	13	8	-	-	20	-	-	X	X
36	25	10	6.3	-	-	32	-	-	X	X
-	32	7	4.4	-	-	15.6	-	-	X	X
-	96.8	36	22.8	-	-	76.7	-	-	X	X
10	-	18	11.4	-	-	73.5	-	-	X	X
16	-	10	6.5	-	-	54	-	-	X	X
-	180	30	19	-	-	102	-	-	X	X
2.7	-	42	26.5	-	-	31.25	-	-	X	X
2.8	-	16	10.1	-	-	32.5	-	-	X	X
-	-	12	7.6	-	-	32.5	-	-	X	X
-	-	15	9	-	-	20	-	-	X	X
-	-	12	7	-	-	20	-	-	X	X
2.1	26.4	19	12	-	-	20.1	-	-	X	X
15	54.4	17	10.7	-	-	20.1	-	-	X	X
1.2	245	200	126	-	-	139	-	-	X	X
1.6	180	176	111	-	-	168	-	-	X	X
0.8	950	270	170	-	-	250	-	-	X	X
2.07	1377	220	139	-	-	208	-	-	X	X
1.4	312	150	95	-	-	166	-	-	X	X
-	320	180	114	-	-	160	-	-	X	X
1.3	450	114	72	-	-	183	-	-	X	X
1.3	238	85	54	-	-	113	-	-	X	X
1.8	460	150	94	-	-	183	-	-	X	X
2.16	500	180	113	-	-	278	-	-	X	X
1.2	140	85	54	-	-	122	-	-	X	X
1.2	180	100	63	-	-	129	-	-	X	X
1.6	230	80	51	-	-	184	-	-	X	X
1.45	180	70	44	-	-	113	-	-	X	X
1.8	1280	200	126	-	-	208	-	-	X	X
1.65	245	120	76	-	-	184	-	-	X	X
1.5	451	130	82	-	-	184	-	-	X	X
0.8	210	85	53	-	-	154	-	-	X	X
1.94	660	180	114	-	-	278	-	-	X	X
1.1	3360	260	164	-	-	278	-	-	X	X
1.8	520	175	110	-	-	240	-	-	X	X
1.8	520	165	105	-	-	240	-	-	X	X
0.9	1296	260	164	-	-	350	-	-	X	X
2.1	18	20	13	-	-	74	-	-	X	X
1.35	100	60	38	-	-	113	-	-	X	X
1.8	280	190	120	-	-	463	-	-	X	X

2	320	75	47	-	-	73.5	-	-	X	X
1.5	320	100	63	-	-	184	-	-	X	X
0.9	830	140	88	-	-	183	-	-	X	X
0.9	1625	160	101	-	-	230	-	-	X	X
1.1	205	85	53	-	-	154	-	-	X	X
1.5	245	100	63	-	-	167	-	-	X	X
1.9	378	150	95	-	-	275	-	-	X	X
1.97	605	145	92	-	-	275	-	-	X	X
1.1	1050	260	164	-	-	416	-	-	X	X
1.1	938	250	158	-	-	416	-	-	X	X
1	125	65	41	-	-	129	-	-	X	X
0.8	60	40	26	-	-	90	-	-	X	X
2	1150	175	110	-	-	290	-	-	X	X
2	1250	175	110	-	-	290	-	-	X	X
0.9	76	45	29	-	-	103	-	-	X	X
1.8	405	135	85	-	-	240	-	-	X	X
1.8	405	135	85	-	-	240	-	-	X	X
1	952	190	120	-	-	225	-	-	X	X
1.2	34	50	32	-	-	122	-	-	X	X
1.7	266	95	60	-	-	180	-	-	X	X
0.8	33	30	19	-	-	128	-	-	X	X
1.5	153	65	41	-	-	223	-	-	X	X
2.7	1350	150	95	-	-	305	-	-	X	X
1.8	280	60	38	-	-	208	-	-	X	X
7	290	14	8.8	-	-	114	-	-	X	X
8	420	20	12.5	-	-	160	-	-	X	X
3.5	231	165	106	-	-	222	-	-	X	X
-	320	75	47.5	-	-	183	-	-	X	X
-	480	130	82	-	-	183	-	-	X	X
-	105	42	26.5	-	-	121	-	-	X	X
2.8	274	55	35	-	-	170	-	-	X	X
-	-	10	6.3	-	-	1.25	-	-	O	X
-	-	7.5	4.7	-	-	1.25	-	-	O	X
-	-	-	-	7	5.6	-	2	-	O	X