

NIKO-SEM

尼克森微電子

MOSFET Selector Guide

Device	Package	Configuration	Type	ESD Diode	Schottky Diode	V _{DS} (V)	V _{GS} (±V)	I _D (A)	R _{DS(ON)} mΩ at				V _{GS} (th)	Typical Ciss (pF)	Typical Crss (pF)	Typical Qg (nC)	Typical Qrr (nC)
									10V	4.5V	2.5V	1.8V					

HV

TO-220

P0460AT	TO-220	Single	N	No	No	600	30	4	2000				4.5	780	12	19	9
P0550AT	TO-220	Single	N	No	No	500	30	5	1500				4.5	691	12	12	4
P0660AT	TO-220	Single	N	No	No	600	30	6	1250				4.5	1274	23	29	10
P0850AT	TO-220	Single	N	No	No	500	30	8	850				4.5	1250	14	22	7
P0910ATG	TO-220	Single	N	No	No	100	20	89	9.5				4	12000	500	217	75
P0920AT	TO-220	Single	N	No	No	200	20	9	420				4	841	29	29	13
P1060AT	TO-220	Single	N	No	No	600	30	10	750				4.5	2120	38	37	12
P1065AT	TO-220	Single	N	No	No	650	30	10	750				4.5	2370	4	43	13
P1212AT	TO-220	Single	N	No	No	120	20	75	12				4	12300	390	178	51
P1350AT	TO-220	Single	N	No	No	500	30	13	520				4.5	2185	59	40	13
P1510ATG	TO-220	Single	N	No	No	100	20	64	15				4	9040	334	167	46
P1615AT	TO-220	Single	N	No	No	150	20	62	16				4	12600	343	222	74
P1825AT	TO-220	Single	N	No	No	250	24	18	200				4	1810	33	57	26
P2610ATG	TO-220	Single	N	No	No	100	20	50	26				4	4900	186	79	30
P2615ATG	TO-220	Single	N	No	No	150	30	53	26				4	7000	336	136	47
P3710BT	TO-220	Single	N	No	No	100	20	31	37	48			3	970	59	25	8
P5015ATG	TO-220	Single	N	No	No	150	20	38	50				4	5010	146	94	30
P5010AT	TO-220	Single	N	No	No	100	20	30	50				4	1723	120	38	18
P6010DTG	TO-220	Single	P	No	No	-100	20	-27	60				-4	5450	205	89	24
P6015AT	TO-220	Single	N	No	No	150	20	26	60				4	2850	135	56	24
P8010BT	TO-220	Single	N	No	No	100	20										
PA410BT	TO-220	Single	N	No	No	100	20	11	140	170			2.3	335	26	8.8	4

TO-220F

P0260ATF	TO-220F	Single	N	No	No	600	30	2	4400				4.5	342	6	7.8	2
P0460ATF	TO-220F	Single	N	No	No	600	30	4	2000				4.5	780	12	19	9
P0550ATF	TO-220F	Single	N	No	No	500	30	5	1500				4.5	691	12	12	4
P0660ATF	TO-220F	Single	N	No	No	600	30	6	1250				4.5	1274	23	29	10
P0850ATF	TO-220F	Single	N	No	No	500	30	8	850				4.5	1250	14	22	7
P0910ATF	TO-220F	Single	N	No	No	100	20	54	9.5				4	12000	500	217	75
P1060ATF	TO-220F	Single	N	No	No	600	30	10	750				4.5	2120	38	37	12
P1065ATF	TO-220F	Single	N	No	No	650	30	10	750				4.5	2440	26	42	12
P1070ATF	TO-220F	Single	N	No	No	700	30	10	850				4.5	2450	25	43	13
P1212ATF	TO-220F	Single	N	No	No	120	20	44	12				4	12300	394	178	51
P1260ATF	TO-220F	Single	N	No	No	600	30	12	650				4.5	2290	46	47	16
P1350ATF	TO-220F	Single	N	No	No	500	30	13	520				4.5	2185	59	40	13
P2610ATF	TO-220F	Single	N	No	No	100	20	31	26				4	4900	186	79	30
P2615ATF	TO-220F	Single	N	No	No	150	20	28	26				4	9280	230	162	54
P5015ATF	TO-220F	Single	N	No	No	150	20	22	50				4	5240	152	100	37
P6010DTF	TO-220F	Single	P	No	No	-100	20	-24	60				-4	5180	207	98	24

P6015CTF	TO-220F	Single	N	No	No	150	12	16	60				1.2	7420	415	102	62
PA610ATF	TO-220F	Single	N	No	No	100	20	8	160				4	560	10	22	7
PB210BTF	TO-220F	Single	N	No	No	100	20	8	230				2	697	41	16	5
P0765GTF	TO-220F	Single	N	No	No	650	30	7	1500				4.5	1460	10	31	9
P3710BTF	TO-220F	Single	N	No	No	100	20	19	37	48			3	1070	59	24	9
P8010BTF	TO-220F	Single	N	No	No	100	20	11	85	95			3	550	36	13	5
PA410BTF	TO-220F	Single	N	No	No	100	20	10	140	170			2.3	333	26	9	4
TO-220F(S)																	
PB210BTF	TO-220F(S)	Single	N	No	No	100	20	8	230				2	697	41	16	5
TO-252																	
P0420AD	TO-252	Single	N	No	No	200	20	4	700				4	504	20	16	6
P1825AD	TO-252	Single	N	No	No	250	20	18	200				4	1700	26	57	25
P2610ADG	TO-252	Single	N	No	No	100	20	50	26				3.4	5000	189	80	23
P2710AD	TO-252	Single	N	No	No	100	20	34	32				4	2700	205	54	23
P3710BD	TO-252	Single	N	No	No	100	20	25	37	48			3	996	53	25	8
P5010AD	TO-252	Single	N	No	No	100	20	23	50				4	1700	140	40	20
P6010DDG	TO-252	Single	P	No	No	-100	20	-20	60				-4	4960	167	90	24
P6015CDG	TO-252	Single	N	No	No	150	12	20	60				1.2	7660	420	107	60
P6015AD	TO-252	Single	N	No	No	150	20	25	60				4	2960	126	54	21
P8010BD	TO-252	Single	N	No	No	100	20	15	85	95			3	527	37	19	9
PA110BD	TO-252	Single	N	No	No	100	20	15	110	120			3	1400	65	29	9
PA610AD	TO-252	Single	N	No	No	100	20	12	160				4	1060	64	18	6
PB210BD	TO-252	Single	N	No	No	100	20	10	230				2	802	41	15	4
PC015BD	TO-252	Single	N	No	No	150	20	6	300	450			3	991	32	23	9
P0550AD	TO-252	Single	N	No	No	500	30	5	1500				4.5	691	12	12	4
P0260AD	TO-252	Single	N	No	No	600	30	2	4400				4.5	342	6	7.8	2
PD504BA	TO-252	Single	N	No	No	110	20	15	85	95			3	527	37	19	5
PA410BD	TO-252	Single	N	No	No	100	20	10	140	170			2.3	330	22	8.6	4
P8315AD	TO-252	Single	N	No	No	150	30	20	83				4	1320	42	42	21
TO-251																	
P0160AI	TO-251	Single	N	No	No	600	30	1	####				4.5	168	3	4.4	1
P0260AI	TO-251	Single	N	No	No	600	30	2	4400				4.5	342	6	7.8	2
P0460AI	TO-251	Single	N	No	No	600	30	4	2000				4.5	780	12	19	9
P0550AI	TO-251	Single	N	No	No	500	30	5	1.5				4.5	691	12	12	4
P1825AI	TO-251	Single	N	No	No	250	20	18	200				4	1700	30	58	26
P2610AI	TO-251	Single	N	No	No	100	20	32	26				4	5060	190	86	27
PB210BI	TO-251	Single	N	No	No	100	20	9	230	240			2	647	35	16	5
TO-251(S)																	
P3710BIS	TO-251(S)	Single	N	No	No	100	20	25	37	48			3	996	53	25	8
P8010BIS	TO-251(S)	Single	N	No	No	100	20	15	85	95			3	527	37	19	9
PA110BIS	TO-251(S)	Single	N	No	No	100	20	14	120	130			3	1400	59	28	9
PA410BIS	TO-251(S)	Single	N	No	No	100	20	10	140	170			2.3	332	26	8.8	4
SOT-23																	
PB210BM	SOT-23	Single	N	No	No	100	20	1.3	230				2	802	41	15	4
PK615BMA	SOT-23	Single	N	No	No	150	20	0.45	2600				3	110	8	4.4	3
PK615BM6	SOT-23-6	Single	N	No	No	150	20	0.37	2600				3	111	12	4.8	4
SOT-89																	
PA210BC	SOT-89	Single	N	No	No	100	20	3	120	130			3	1410	58	29	9

PK502BA	PDFN 5X6	Single	N	No	No	30	20	41	10.5	15			3	580	71	13	4	
P1203BKA	PDFN 5X6	Single	N	No	No	30	20	39	12	17.5			3	982	104	21	5	
TK508BA	PDFN 5X6	Single	N	No	No	30	20	42	9.5	15.2			3	721	85	16	5	
TK512BA	PDFN 5X6	Single	N	No	No	30	20	59	5.9	8.9			3	1801	173	40	10	
TK520BA	PDFN 5X6	Single	N	No	No	30	20	76	4.2	6.3			3	2982	327	70	18	
TK532BA	PDFN 5X6	Single	N	No	No	30	20	48	7.8	12			3	1183	122	24	8	
PZ0703EK	PDFN 5X6	Single	P	Yes	No	-30	20	-70	7	10			-3	5210	890	121	27	
P0703EK	PDFN 5X6	Single	P	No	No	-30	25	-72	7.5	12			-3	5730	679	120	30	
PZ1003EK	PDFN 5X6	Single	P	Yes	No	-30	25	-50	10	21			-3	2400	405	57	14	
P1003EK	PDFN 5X6	Single	P	No	No	-30	25	-63	10.5	16			-3	2640	467	57	16	
P1203EK	PDFN 5X6	Single	P	No	No	-30	25	-40	12	19			-3	2830	395	65	16	
P1403EK	PDFN 5X6	Single	P	No	No	-30	25	-30	14	22			-3	2200	270	42	7	
P1503HK	PDFN 5X6	Dual	N	No	No	30	20	24	15	20			3	1020	103	20	5	
P0303YK	PDFN 5X6	Asymmetric	N	No	No	30	20	42	9	14.5			3	850	115	23	7	
P0303YK	PDFN 5X6	Asymmetric	N	No	No	30	20	79	3.5	4.5			3	2810	321	63	15	
P0603YK	PDFN 5X6	Asymmetric	N	No	No	30	20	43	9	14			3	877	115	23	7	
P0603YK	PDFN 5X6	Asymmetric	N	No	No	30	20	61	5.8	7			3	1740	199	40	10	
P0903YK	PDFN 5X6	Asymmetric	N	No	No	30	20	31	16	25			3	535	75	15	5	
P0903YK	PDFN 5X6	Asymmetric	N	No	No	30	20	51	9	14.5			3	954	104	22	6	
P2E03BK	PDFN 5X6	Single	N	No	No	30	20	106	2.5	4			3	4610	634	107	26	
P0303BKA	PDFN 5X6	Single	N	No	No	30	20	89	3.5	4.9			3	2840	280	53	13	
P0303BKC	PDFN 5X6	Single	N	No	No	30	20	97	2.8	3.5			3	4460	551	102	33	
P0403BK	PDFN 5X6	Single	N	No	No	30	20	98	4	6			3	2160	309	39	6	
P0603BK	PDFN 5X6	Single	N	No	No	30	20	80	6	9			3	2160	309	39	6	
P0603BKD	PDFN 5X6	Single	N	No	No	30	20	65	6	9			3	1756	229	37	11	
P0703BK	PDFN 5X6	Single	N	No	No	30	20	71	7.5	11.8			3	1210	182	24	5.5	
P0903BK	PDFN 5X6	Single	N	No	No	30	20	65	9	16			3	1140	178	22	4	
P1003BK	PDFN 5X6	Single	N	No	No	30	20	49	10.5	14.5			3	778	79	15	3.6	
P1203BK	PDFN 5X6	Single	N	No	No	30	20	56	12	17.5			2.5	911	124	15.7	2.6	
PDFN 3X3																		
P0502CEA	PDFN 3X3	Single	N	No	No	20	8	70		5	5.7	8.2	0.7	3110	607	53	19	
PE526BA	PDFN 3X3	Single	N	No	No	30	20	49	4	4.5			3	2690	309	65.9	309	
PE548BA	PDFN 3X3	Single	N	No	No	30	20	56	4.5	6.3			3	2280	297	56.6	16	
PE548EA	PDFN 3X3	Single	N	Yes	No	30	20	58	4.8	5.8			3	2420	253	46.8	7.7	
PD0903BEA	PDFN 3X3	Single	N	No	Yes	30	20	13	9	13			3	1570	158	31	8	
PE534BA	PDFN 3X3	Single	N	No	No	30	20	32	9	14			3	900	110	22	6.3	
PE504BA	PDFN 3X3	Single	N	No	No	30	20	31	10	13			3	650	80	14	4.1	
PE600BA	PDFN 3X3	Single	N	No	No	30	20	30	12	17.5			2.5	706	74	15	3.6	
PE600SA	PDFN 3X3	Single	N	No	Yes	30	20	30	12	17.5			2.5	715	73	15.3	3.1	
P1203BE	PDFN 3X3	Single	N	No	No	30	20	9	12	17.5			2.5	843	115	17.3	4.8	
PD1203BEA	PDFN 3X3	Single	N	No	Yes	30	20	11	12	17.5			3	1040	104	21	5.2	
PE528BA	PDFN 3X3	Single	N	No	No	30	20	21	19	25			2.5	526	62	14.4	3.8	
PE606BA	PDFN 3X3	Single	N	No	No	30	20	22	20	31			2.5	391	45	9	2.3	
P1203EEA	PDFN 3X3	Single	P	No	No	-30	25	-40	12	19			-2.5	2530	407	57	16	
PE507BA	PDFN 3X3	Single	P	No	No	-30	25	-28	14	22			-3	2100	327	49.1	12	
P2003EEA	PDFN 3X3	Single	P	No	No	-30	25	-28	20	35			-3	1590	218	31	7	
PZ2003EEA	PDFN 3X3	Single	P	Yes	No	-30	25	-28	20	35			-3	1470	215	34	8.4	

P2003EEAA	PDFN 3X3	Single	P	No	No	-30	20	-25	20	35			-3	1300	200	29.4	7.8
P261AFEAA	PDFN 3X3	Single	P	No	No	-12	8	-32		20	25	31	-0.9	2840	579	38	11
P2503HEA	PDFN 3X3	Dual	N	No	No	30	20	8	20	30			2.5	588	67	12.7	2.4
P6003QEA	PDFN 3X3	Complementary	N	No	No	30	20	20	24	38			2.5	591	65	13	3.4
P6003QEA	PDFN 3X3	Complementary	P	No	No	-30	20	-12	60	85			-2.5	548	86	14	3.5
P0503BEA	PDFN 3X3	Single	N	No	No	30	20	55	5.8	7.8			3	1780	226	43.8	12
P0903BEA	PDFN 3X3	Single	N	No	No	30	20	48	9	13			3	1590	159	31	8
P0903BEAB	PDFN 3X3	Single	N	No	No	30	20	33	9	14			3	786	131	21	6.5
P1203BEA	PDFN 3X3	Single	N	No	No	30	20	35	12	17.5			2.5	911	124	15.7	4
P1203BEAA	PDFN 3X3	Single	N	No	No	30	20	29	12	17.5			2.5	1080	123	20	5.1
P2003BEA	PDFN 3X3	Single	N	No	No	30	20	25	20	31			2.5	625	73	12.1	3.1
P2003BEAA	PDFN 3X3	Single	N	No	No	30	20	25	20	31			2.5	625	73	12.1	3.1
PDFN 2X2																	
PB600BA	PDFN 2x2S	Single	N	No	No	30	20	9	12	17.5			2.5	706	74	15	3.6
PB606BA	PDFN 2x2S	Single	N	No	No	30	20	7	20	31			2.5	392	45	9	2.2
P1603BEBB	PDFN 2X2	Single	N	No	No	30	20	24	16	25			2.5	516	67	13.4	3.3
P2203BEB	PDFN 2X2	Single	N	No	No	30	20	21	22	34			3	616	55	12	3.4
PB560DZ	PDFN 2X3	Dual	N	No	No	20	12	7.7	25	28	40		1	350	83	16	3.2
TO-220																	
PT512BA	TO-220	Single	N	No	No	30	20	122	3.9	4.6			3	3400	312	66	13
PT530BA	TO-220	Single	N	No	No	30	20	89	4.3	7.9			3	2740	248	54	13
P057AAT	TO-220	Single	N	No	No	75	20	129	5.8				4	12500	629	223	80
P0603BT	TO-220	Single	N	No	No	30	20	82	5.8	9			3	2260	345	48	13
P0808ATG	TO-220	Single	N	No	No	75	20	85	8				4	7320	404	129	44
P0806AT	TO-220	Single	N	No	No	60	25	81	8.5				4	4520	295	89	34
P45N03LTG	TO-220	Single	N	No	No	25	20	60	9.5				3	980	260	25	4.5
P0903BT	TO-220	Single	N	No	No	30	20	60	9.7	16			3	1150	175	25	8
P50N03LTG	TO-220	Single	N	No	No	25	20	60	10				3	960	250	22.3	5
P117AAT	TO-220	Single	N	No	No	75	20	80	11				4	4080	159	90	30
P1308ATG	TO-220	Single	N	No	No	75	20	74	13				4	5160	246	93	33
P106AAT	TO-220	Single	N	No	No	65	20	74	15				4	5010	323	119	50
P1606BT	TO-220	Single	N	No	No	60	20	45	18.5	21			3	2490	152	54	14
P2003BT	TO-220	Single	N	No	No	30	20	33	20	32			2.5	474	115	11	3.7
P2806AT	TO-220	Single	N	No	No	60	20	34	30				4	1240	97	21	5
P3506DT	TO-220	Single	P	No	No	-60	20	-40	35				-4	2590	150	38.6	74
P0403BT	TO-220	Single	N	No	No	30	20	112	4	7			3	3950	626	82	18
P0806ATX	TO-220	Single	N	No	No	60	20	110	8				4	4470	120	91	33
TO-220F																	
P0806ATF	TO-220F	Single	N	No	No	60	25	57	8.5				4	4380	298	78	25
P1004BTF	TO-220F	Single	N	No	No	40	20	38	10	17			3	1090	139	28.4	8.5
P1308ATFG	TO-220F	Single	N	No	No	75	20	48	13				4	5160	246	93	33
P45N03LTF	TO-220F	Single	N	No	No	25	20	36	20				3	600	100	25	7
P2503BTF	TO-220F	Single	N	No	No	30	20	29	25	37			2.5	460	115	5	2.3
P2806ATF	TO-220F	Single	N	No	No	60	20	27	30				4	1240	97	21	5
P1604ETF	TO-220F	Single	P	No	No	-40	20	-40	16				-3	2310	320	45	11
P3506DTF	TO-220F	Single	P	No	No	-60	20	-25	35				-4	2590	150	38.6	8.8
P9006ETF	TO-220F	Single	P	No	No	-60	20	-15	90	135			-3	1130	81	22	5.5

TO-252																	
PD512BA	TO-252	Single	N	No	No	30	20	102	3.9	4.6			3	3630	323	72	19
PD548BA	TO-252	Single	N	No	No	30	20	85	4.6	7.2			3	2320	285	54	17
P0603BDB	TO-252	Single	N	No	No	30	20	72	5.8	9			3	3160	328	68	18
P0603BDD	TO-252	Single	N	No	No	30	20	71	5.8	9			3	1740	224	36.9	11
PD506BA	TO-252	Single	N	No	No	30	20	70	6	9			3	1800	181	34.7	7.9
TD422BL	TO-252	Single	N	No	No	30	20	69	6	9.5			2.8	1850	230	36.9	11
P062ABD	TO-252	Single	N	No	No	25	20	75	6.8	15			3	1170	260	29	10
PD516BA	TO-252	Single	N	No	No	30	20	55	7.5	11.5			3	966	111	20.7	5.8
P0804BD	TO-252	Single	N	No	No	40	20	50	8.5				3	2100	330	43	5.5
PD612BA	TO-252	Single	N	No	No	30	20	47	9	12			3	680	86	15	4.2
TD304BH	TO-252	Single	N	No	No	30	20	57	9	18			2.8	900	120	22	6.5
P0903BDA	TO-252	Single	N	No	No	30	20	56	9	14			3	1620	173	30	8.4
P0903BDB	TO-252	Single	N	No	No	30	20	48	9	14			3	844	129	20	6.2
P0803BD	TO-252	Single	N	No	No	30	20	60	9.2	19.4			3	910	155	17	4
P1003BDF	TO-252	Single	N	No	No	30	20	62	9.8	14			3	1140	120	23	6
PD570BA	TO-252	Single	N	No	No	40	20	49	10				3	1451	129	37.1	11
P1004BD	TO-252	Single	N	No	No	40	20	55	10				3	1550	185	26	8
P1203BD	TO-252	Single	N	No	No	30	20	48	12				3	1100	108	21	5.3
P1402CDG	TO-252	Single	N	No	No	20	12	45	12	14	28		1.3	1030	253	34	6
P1603BD	TO-252	Single	N	No	No	30	20	40	14	23			2.5	562	95	12.3	3.6
P1504BDG	TO-252	Single	N	No	No	40	20	40	15				3	1145	95	23	3
P1606BD	TO-252	Single	N	No	No	60	20	42	18.5	21			3	2710	136	55	13
P2003BDG	TO-252	Single	N	No	No	25	20	32	20	41			2.5	492	187	14.7	5.6
P45N02LDG	TO-252	Single	N	No	No	25	20	32	20	41			2.5	492	187	14.7	5.6
P2503BDG	TO-252	Single	N	No	No	30	20	12	25	37			2.5	790	65	16	2.1
P2504BDG	TO-252	Single	N	No	No	40	20	32	25				2.5	760	110	16	2.1
P2804BDG	TO-252	Single	N	No	No	40	20	25	28				3	814	121	17	5
P2806BD	TO-252	Single	N	No	No	60	20	30	28	38			3	1500	106	27.4	5.8
P2904BD	TO-252	Single	N	No	No	40	20	25	29				3	1150	80	19	3
P3004BD	TO-252	Single	N	No	No	40	20	29	30				3	479	76	10	3.3
P3504BD	TO-252	Single	N	No	No	40	20	20	40				3	630	64	11	2.2
P4506BD	TO-252	Single	N	No	No	60	20	22	45				3	790	42	15.2	3.2
P5002CDG	TO-252	Single	N	No	No	20	16	20		50	85		1.2	270	85	4.5	2
P5506BDG	TO-252	Single	N	No	No	60	20	22	55	75			2.5	587	46	12.5	3.7
P6006BD	TO-252	Single	N	No	No	60	20	21	60				2.5	584	44	11.5	2.5
P8008BD	TO-252	Single	N	No	No	80	25	15	80	95			3	1070	55	18.6	3.8
PZ0703ED	TO-252	Single	P	Yes	No	-30	25	-70	7.5	12			-3	5280	890	123	29
P0703ED	TO-252	Single	P	No	No	-30	25	-70	7.5	12			-3	5280	850	117	37
P1203ED	TO-252	Single	P	No	No	-30	25	-52	12	19			-2.5	2840	411	57	15
PD485BA	TO-252	Single	P	No	No	-40	20	-43	15	24			-3	2730	242	52	11
P1504EDG	TO-252	Single	P	No	No	-40	20	-45	15	29			-3	2700	230	40	5
P1604ED	TO-252	Single	P	No	No	-40	20	-43	16				-3	2350	310	42	10
P2003ED	TO-252	Single	P	No	No	-30	25	-36	20	30			-3	1600	266	28	6
P2504EDG	TO-252	Single	P	No	No	-40	20	-18	25.8				-3	1570	210	29	7
P3003EDG	TO-252	Single	P	No	No	-30	20	-18	30				-3	970	180	28	12

P3506DD	TO-252	Single	P	No	No	-60	20	-26	35				-4	2550	140	39	8
P4004ED	TO-252	Single	P	No	No	-40	20	-21	40				-3	1090	91	17	3
P4404EDG	TO-252	Single	P	No	No	-40	20	-20	44	68			-2.5	850	120	14	1.9
P06P03LDG	TO-252	Single	P	No	No	-30	20	-12	45	75			-3	530	70	10	2
P6004ED	TO-252	Single	P	No	No	-40	20	-20	60				-3	548	91	14	6
P9006EDG	TO-252	Single	P	No	No	-60	20	-12	90	135			-3	760	40	15	3
PA102FDG	TO-252	Single	P	No	No	-20	12	-10		115	180		-1.2	430	95	7.6	2
P0303BD	TO-252	Single	N	No	No	30	20	87	3.7	4.6			3	4470	655	107	26
P0403BD	TO-252	Single	N	No	No	30	20	81	4.3	7.9			3	2430	412	52	10
P0603BD	TO-252	Single	N	No	No	30	20	70	5.8	9			3	2110	336	44	9
P0603BDL	TO-252	Single	N	No	No	25	20	68	6.8	15			3	2020	483	48.8	16
P082ABD8	TO-252	Single	N	No	No	25	20	52	8	15			3	1100	222	23	5.2
P0803BDG	TO-252	Single	N	No	No	30	20	60	9.2				3	910	155	17	4
P0804BD8	TO-252	Single	N	No	No	40	20	62	8	22			3	2350	286	42	10
P0903BD	TO-252	Single	N	No	No	30	20	57	9	13			3	1060	175	23	5.5
P0903BDG	TO-252	Single	N	No	No	25	20	50	9.5	16			3	1200	350	25	10
P0903BDL	TO-252	Single	N	No	No	25	20	56	9.5				3	1400	190	25	5
P092ABD	TO-252	Single	N	No	No	25	20	63	9.5	15			3	794	167	18.5	6.1
P3055LDG	TO-252	Single	N	No	No	25	20	12	90				1	450	60	15	7
P75N02LDG	TO-252	Single	N	No	No	25	20	75	7	10			3	1840	559	55	20
P0403BDG	TO-252	Single	N	No	No	30	20	84	4	6			3	2390	623	64	20
TO-252-5																	
P1003ND5R	TO-252-5	Dual	N	No	No	30	20	45/29	6/10	9/13.8			3/3	1700/936	225/99	41/211	8/6
P1803ND5	TO-252-5	Complementary	N	No	No	30	20	31	18	28			2.5	565	100	13.5	4.1
P1803ND5	TO-252-5	Complementary	P	No	No	-30	20	-28	26	41			-2.5	1500	221	31.5	8.1
P2003ND5G	TO-252-5	Complementary	N	No	No	30	20	25	20	31			2.5	480	100	9.8	1.8
P2003ND5G	TO-252-5	Complementary	P	No	No	-30	20	-19	36	61			-2.5	691	117	12.8	2.1
P2204ND5G	TO-252-5	Complementary	N	No	No	40	20	24	22				3	1145	94	23	3
P2204ND5G	TO-252-5	Complementary	P	No	No	-40	20	-19	33				-3	1000	108	20	2.7
P2804ND5G	TO-252-5	Complementary	N	No	No	40	20	7	28				3	530	44	12.8	1.7
P2804ND5G	TO-252-5	Complementary	P	No	No	-40	20	-5.5	48				-3	690	75	14	1.9
P3004ND5G	TO-252-5	Complementary	N	No	No	40	20	12	30				3	495	41	12	1.6
P3004ND5G	TO-252-5	Complementary	P	No	No	-40	20	-8.8	55				-3	558	60	11	1.5
P3304MD5	TO-252-5	Complementary	N	No	No	40	20	19	33				4	1180	86	23	7
P3304MD5	TO-252-5	Complementary	P	No	No	-40	20	-15	50				-4	995	90	17	5
P6506ND5	TO-252-5	Complementary	N	No	No	60	20	16	65	85			3	636	49	13.4	4.6
P6506ND5	TO-252-5	Complementary	P	No	No	-60	20	-12	90	135			-3	1180	74	23.3	7
PZ2804ND5	TO-252-5	Complementary	N	Yes	No	40	16	15	28	38			3	989	103	18	2.5
PZ2804ND5	TO-252-5	Complementary	P	Yes	No	-40	16	-12	46	63			-3	1080	120	20	4.6
TO-251																	
PI504BZ	TO-251	Single	N	No	No	30	20	45	9.5	12.5			3	597	86	13.4	4.3
PI506BZ	TO-251	Single	N	No	No	30	20	70	5.6	7.1			3	2160	271	43.3	11
P45N02LI	TO-251	Single	N	No	No	25	20	26	20	41			2.5	529	76	12	3
P2804BI	TO-251	Single	N	No	No	40	20	33	28				3	824	108	18	6.5
P6006BI	TO-251	Single	N	No	No	60	20	18	65	80			2.5	601	33	13	2.4
P8008BI	TO-251	Single	N	No	No	80	25	17	80	95			3	989	40	20.6	6.6
P2504EI	TO-251	Single	P	No	No	-40	20	-30	25.8				-3	1570	210	29	7

P4404EI	TO-251	Single	P	No	No	-40	20	-24	44				-2.5	833	138	18	6.8
P9006EI	TO-251	Single	P	No	No	-60	20	-18	90	135			-3	1130	79	18	4
P0603BI	TO-251	Single	N	No	No	30	20	70	5.8	9			3	2210	307	42	10
P0603BIS	TO-251	Single	N	No	No	30	20	70	5.8	9			3	2210	307	42	10
P0603BISB	TO-251	Single	N	No	No	30	20	70	5.8	9			3	2210	307	42	10
P0903BI	TO-251	Single	N	No	No	30	20	57	9	13			3	1060	175	23	5.5
SOT-523																	
PZ2N7002YE	SOT-523	Single	N	Yes	No	60	20	0.27	2000	3000			2.5	38	6	1.7	1
PZD502CYB	SOT-523	Single	N	Yes	No	20	8	0.7		450	765	850	1	38	12		
PZC502FYB	SOT-523	Single	P	Yes	No	-20	8	-0.7		550	750	1000	-1.2	42	6		
PZP103BYB	SOT-523	Single	N	Yes	No	30	20	0.3		3000	6000		1.5	35	5		
PZP003BYB	SOT-523	Single	N	Yes	No	30	20	0.11		6000	13000		1.8	40	6		
SOT-323																	
PZP103BY	SOT-323	Single	N	Yes	No	30	20	0.11		3000	6000		1.5	36	8.5		
PZD502CY	SOT-323	Single	N	Yes	No	30	20	0.75		450	765	850	1	38	12		
PZ2N7002Y	SOT-323	Single	N	Yes	No	60	20	0.29	2000	3000			2.5	36	6	1.6	1
PZ2N7002HY	SOT-363	Dual	N	Yes	No	60	20	0.2	2000	3000			2.5	36	6	1.6	1
SOT-23																	
P2202CM	SOT-23	Single	N	No	No	20	8	6		24	32	50	1	1030	126	13.2	4
PM600BZ	SOT-23	Single	N	No	No	30	20	6	13.5	17.5			2.5	712	74	15	3.5
PM606BA	SOT-23	Single	N	No	No	30	20	5	20	31			2.5	392	45	9.2	2.3
P3202CMG	SOT-23	Single	N	No	No	20	12	5		32	50	80	1.2	740	66	8	2
P3203CMG	SOT-23	Single	N	No	No	30	12	6	28	32	52		1.2	740	66	8	2
PM516BA	SOT-23	Single	N	No	No	20	8	5		35	38	46	1	582	61	9.1	2.8
P5002CMG	SOT-23	Single	N	No	No	20	16	3		50	85		1.2	266	81	4.3	1.9
PM514BA	SOT-23	Single	N	No	No	20	8	3		62	70	85	1	398	52	7	2
PM560BA	SOT-23	Single	N	No	No	60	20	3	88	108			3	595	36	15	4
PA606BMG	SOT-23	Single	N	No	No	55	20	1.6	180	250			2.5	243	14	6.4	2.5
PZD502CMA	SOT-23	Single	N	Yes	No	20	8	1		450	765	850	1	38	12	1.4	0.8
PZ2N7002M	SOT-23	Single	N	Yes	No	60	20	0.3	2000	3000			2.5	38	2	1.9	1
P5102FM	SOT-23	Single	P	No	No	-20	8	-3.5		51	61	71	-0.9	1180	117	16.7	4.6
P6402FMG	SOT-23	Single	P	No	No	-20	12	-4		64	79	120	-1.2	950	75	9.4	3
P6403FMG	SOT-23	Single	P	No	No	-30	12	-3		64	80	120	-1.2	1110	92	11.9	4.4
P6503FM	SOT-23	Single	P	No	No	-30	12	-3.6		65	80		-1.2	998	81	10.8	3.8
P7004EM	SOT-23	Single	P	No	No	-40	20	-2.5	70				-2.5	650	92	12	4
P5103EMG	SOT-23	Single	P	No	No	-30	20	-4.5	51	85			-3	700	75	12.5	3.5
PM513BA	SOT-23	Single	P	No	No	-20	8	-3		100	130	150	-1	434	54	6.3	0.7
PA002FMG	SOT-23	Single	P	No	No	-20	12	-3		100	140	240	-1.2	540	50	6.2	1.6
PA102FMG	SOT-23	Single	P	No	No	-20	12	-3	85	118	215		-1.2	430	95	7.6	2
PM509BA	SOT-23	Single	P	No	No	-30	20	-2	150	220			-3	241	25.8	6.2	1.2
PA203EMG	SOT-23	Single	P	No	No	-30	20	-2.6	120	200			-3	306	66	5.3	1.3
PA406EM	SOT-23	Single	P	No	No	-40	20	2	140	210			-3	682	47	16	4.6
PA504EM	SOT-23	Single	P	No	No	-40	20	-1.5	150	250			-2.3	235	29	5.1	1.7
P8503BMG	SOT-23	Single	N	No	No	30	20	2.4	85	115			2.5	217	46	6.2	2.1
P8503BMA	SOT-23(S)	Single	N	No	No	30	20	2.4	85	115			2.5	217	46	6.2	2.1
SOT-23-6																	
P2202CM6	SOT-23-6	Single	N	No	No	20	16	6		24	32	50	1	1030	126	13.2	4

PA520BA	SOT-23-6	Single	N	No	No	30	20	6	20	25			2.5	496	73	14.4	3.9
P5102FM6	SOT-23-6	Single	P	No	No	-20	8	-3.5		51	61	71	-0.9	1180	117	16.7	4.6
P6503FM6	SOT-23-6	Single	P	No	No	-30	12	-2.5		65	80		-1.2	998	81	10.8	3.8
PA803FM6	SOT-23-6	Single	P	No	No	-30	12	-2		180			-1.2	377	30	5	2
TSOP-6																	
P2402CAG	TSOP-6	Single	N	No	No	20	12	7.5	24	27			1.2	662	193	21.7	3.6
P2703BAG	TSOP-6	Single	N	No	No	30	20	7	27	40			3	680	70	10	2.1
P4402FAG	TSOP-6	Single	P	No	No	-20	12	-4.2		44	70	100	-1.2	1100	140	12.5	3.5
P5103EAG	TSOP-6	Single	P	No	No	-30	20	-5	51	85			-3	700	75	12.5	3.5
P5803NAG	TSOP-6	Complementary	N	No	No	30	20	3	58	88			2.5	216	47	6.5	2.3
P5803NAG	TSOP-6	Complementary	P	No	No	-30	20	-2	115	185			-2.5	261	48	6.5	2.1
P6002OAG	TSOP-6	Complementary	N	No	No	20	12	3.4		60	85	140	1.3	263	87	4	1.6
P6002OAG	TSOP-6	Complementary	P	No	No	-20	12	-2.5		115	180	300	-1.3	415	78	4	1.1
P6803HAG	TSOP-6	Dual	N	No	No	30	20	3.2	68	100			3	235	56	6	2
P6803NAG	TSOP-6	Complementary	N	No	No	30	20	2.7	68	98			3	198	47	4.7	1.9
P6803NAG	TSOP-6	Complementary	P	No	No	-30	20	-2	130	225			-3	264	57	6.2	2
PA606HAG	TSOP-6	Dual	N	No	No	55	20	1.8	160	210			2.5	243	14	6.4	2.5
TSOP-8																	
P2502IZG	TSOP-8	Dual	N	No	No	20	12	6.3		22	26	34	1	917	122	12.7	4.4
SOT-89																	
P3057LCG	SOT-89	Single	N	No	No	25	20	6	85	115			2.5	450	60	15	7
P06P03LCG	SOT-89	Single	P	No	No	-30	20	-3.5	45	75			-3	666	114	13	2.6
SOT-223																	
P3055LLG	SOT-223	Single	N	No	No	25	20	6	90				2.5	450	60	15	7
P7006BL	SOT-223	Single	N	No	No	60	20	3.8	70	90			2.5	603	41	13.2	4.1
P9006EL	SOT-223	Single	P	No	No	-60	20	-4	90	135			-3	1130	79	18	4
SOP-8																	
PV548BA	SOP-8	Single	N	No	No	30	20	14	5.2	7.2			3	2280	289	54.4	14
P0603BV	SOP-8	Single	N	No	No	30	20	16	6	12			3	2410	351	50	10
PD0903BVA	SOP-8	Single	N	No	Yes	30	20	13	9	13			3	1570	158	31	8
P0903BV	SOP-8	Single	N	No	No	30	20	13	9.65	14.5			2.5	1190	170	23	5.6
PV600BA	SOP-8	Single	N	No	No	30	20	10	12	17.5			2.5	696	77	15	4
P1203BVA	SOP-8	Single	N	No	No	30	20	11	12	17.5			3	1100	108	21	5.3
P0804BVG	SOP-8	Single	N	No	No	40	20	12	12				3	2000	194	45	11
PD1503BV	SOP-8	Single	N	No	Yes	30	20	12	15	24			3	890	174	15.5	3
P1504BVG	SOP-8	Single	N	No	No	40	20	9	15				3	1183	168	24.8	4.6
P1603BVA	SOP-8	Single	N	No	No	30	20	9.4	16	25			2.5	550	67	14.6	3.9
P2202CV	SOP-8	Single	N	No	No	20	8	8		22	26	34	1	967	115	12.7	4.1
PV606BA	SOP-8	Single	N	No	No	30	20	7	20	31			2.5	393	45	9	2.3
P2003BV	SOP-8	Single	N	No	No	30	20	8.5	20	31			2.5	640	80	12.8	3.4
P2804BVG	SOP-8	Single	N	No	No	40	20	7.5	28				3	790	65	16	2.1
P2806BV	SOP-8	Single	N	No	No	60	20	7	28	35			3	1520	90	29	8
P5506BVG	SOP-8	Single	N	No	No	60	20	5.5	55	75			2.5	650	35	12.5	2.6
P8008BV	SOP-8	Single	N	No	No	80	25	4	80	90			3	1093	53	20	6
PZ0703EV	SOP-8	Single	P	Yes	No	-30	20	-15	7	12			-3	5200	789	119	31
P0703EV	SOP-8	Single	P	No	No	-30	25	-15	7.5	12			-3	5590	889	120	30

P1203EV	SOP-8	Single	P	No	No	-30	25	-10	12	21			-3	2980	391	64	17
PV507BA	SOP-8	Single	P	No	No	-30	25	-10	14	22			-3	2120	333	51	14
P1403EV8	SOP-8	Single	P	No	No	-30	25	-12	14	22			-3	2260	204	38	6
P2004EV	SOP-8	Single	P	No	No	-40	20	-8.7	20	32			-3	2670	280	50	13
P2003EV	SOP-8	Single	P	No	No	-30	20	-9	20	35			-3	1350	207	30	8
PZ2003EV	SOP-8	Single	P	Yes	No	-30	20	-8	20	35			-3	1500	207	30	8
P3203EVG	SOP-8	Single	P	No	No	-30	25	-8	32	55			-2.5	920	120	18.5	4.5
P06P03LVG	SOP-8	Single	P	No	No	-30	20	-6	45	75			-3	530	70	10	2
P5504EVG	SOP-8	Single	P	No	No	-40	-25	-6	55	94			-2.5	690	75	14	1.9
P7004EV	SOP-8	Single	P	No	No	-40	20	-4	70				-2.5	556	87	12	4.4
P9006EVG	SOP-8	Single	P	No	No	-60	20	-4.5	90	150			-2.5	760	40	15	3
PA504EV	SOP-8	Single	P	No	No	-40	20	2.7	150	250			-2.3	240	29	5.3	1.9
P1503HV	SOP-8	Dual	N	No	No	30	20	8	15	23			3	880	121	16.5	4
P2103HVG	SOP-8	Dual	N	No	No	30	20	8	21	32			2.5	700	136	16	5
PD1503YVS	SOP-8	Dual	N	No	No	30	20	8	20	32			3	560	84	11	2.5
PD1503YVS	SOP-8	Dual	N	No	Yes	30	20	8	15.8	21			3	1040	139	20	3.5
P1504HV	SOP-8	Dual	N	No	No	40	25	7	23				3	1132	146	23	4
PZ2503HV	SOP-8	Dual	N	Yes	No	30	20	6.2	25	37			3	668	69	13	3
P2806HV	SOP-8	Dual	N	No	No	60	20	6	28	35			3	1290	102	27	5
P2804HVG	SOP-8	Dual	N	No	No	40	20	7	28				3	790	65	16	2.1
PZ2806HV	SOP-8	Dual	N	Yes	No	60	20	6	32	40			3	1500	93	30	7
P3204HV	SOP-8	Dual	N	No	No	40	20	6	32	48			3	1160	81	20	4.7
P5506HVG	SOP-8	Dual	N	No	No	60	20	4.5	55	75			2.5	650	35	12.5	2.6
P6803HVG	SOP-8	Dual	N	No	No	30	20	4.5	58				3	200	20	6.5	1.6
P6006HV	SOP-8	Dual	N	No	No	60	20	4	60	84			2.5	560	43	12	3.6
P8008HV	SOP-8	Dual	N	No	No	80	25	4	80	90			3	1165	57	29	6.8
P9008HV	SOP-8	Dual	N	No	No	80	25	5	90				3.5	964	42	17	5
P2003KV	SOP-8	Dual	P	No	No	-30	25	-8	22	34			-3	1480	231	30	6
P06B03LVG	SOP-8	Dual	P	No	No	-30	20	-6	50	80			-3	530	70	10	2
P2003NV	SOP-8	Complementary	N	No	No	30	20	8.8	20	40			3	888	114	17	5
P2003NV	SOP-8	Complementary	P	No	No	-30	20	-8	25	70			-3	1520	194	26	6.7
P2103NVG	SOP-8	Complementary	N	No	No	30	20	8	21	31			2.5	659	138	16	5
P2103NVG	SOP-8	Complementary	P	No	No	-30	20	-6	34	56			-2.5	983	157	21	4
P2402OV	SOP-8	Complementary	N	No	No	20	12	10		24	36		1.2	732	169	10	3.7
P2402OV	SOP-8	Complementary	P	No	No	-20	12	-5.2		43	68		-1.2	1110	173	11	3.5
P2803NVG	SOP-8	Complementary	N	No	No	30	20	7	27.5	40			2.5	680	75	14	3.3
P2803NVG	SOP-8	Complementary	P	No	No	-30	20	-6	34	56			-2.5	920	120	18.5	4.5
P2804NVG	SOP-8	Complementary	N	No	No	40	20	7	28				3	790	65	16	2.1
P2804NVG	SOP-8	Complementary	P	No	No	-40	20	-5	65				-3	690	75	14	1.9
P4404QVT	SOP-8	Complementary	N	No	No	40	20	7	30	45			3	1130	75	17.5	2.5
P4404QVT	SOP-8	Complementary	P	No	No	-40	20	-5	45	70			-3	1060	90	17.5	3.5
P5003QVG	SOP-8	Complementary	N	No	No	30	20	10	27.5	40			2.5	680	75	14	3.3
P5003QVG	SOP-8	Complementary	P	No	No	-30	20	-7	45	80			-2.5	780	79	15.1	4
P5503QV	SOP-8	Complementary	N	No	No	30	20	8	20	40			3	554	84	11	2.2
P5503QV	SOP-8	Complementary	P	No	No	-30	20	-5	55	92			-3	722	92	13.5	2.4
P5506NVG	SOP-8	Complementary	N	No	No	60	20	4.5	55	75			2.5	650	35	12.5	2.6

P5506NVG	SOP-8	Complementary	P	No	No	-55	20	-3.5	80	150			-2.5	760	40	15	3
P5806NVG	SOP-8	Complementary	N	No	No	60	20	4.5	58	85			2.5	650	35	12	2.6
P5806NVG	SOP-8	Complementary	P	No	No	-60	20	-3.5	90	135			-2.5	630	33	11	2.5
PZ2103NV	SOP-8	Complementary	N	Yes	No	30	20	8	21	31			3	520	85	11	2.5
PZ2103NV	SOP-8	Complementary	P	Yes	No	-30	20	-6	34	56			-3	1060	163	19	3
PZ3304QV	SOP-8	Complementary	N	Yes	No	40	20	7	28	33			3	1010	123	19	3
PZ3304QV	SOP-8	Complementary	P	Yes	No	-40	20	-6	42	60			-3	1090	123	19	3
PZ5203QV	SOP-8	Complementary	N	Yes	No	30	20	7	22	35			3	554	89	11.8	3.7
PZ5203QV	SOP-8	Complementary	P	Yes	No	-30	20	-5	52	92			-3	692	108	14.8	4.7
P0403BV	SOP-8	Single	N	No	No	30	20	18	4.5	7.5			3	2170	310	45	11
P0502CV	SOP-8	Single	N	No	No	20	10	18		5	5.7	8.2	0.7	3470	412	30	5
P1203EVG	SOP-8	Single	P	No	No	-30	25	-12	12	21			-3	2510	349	48	9
P1403EVG	SOP-8	Single	P	No	No	-30	25	-11	14	22			-3	2510	349	48	9
P1603BV	SOP-8	Single	N	No	No	30	20	10	16	25			2.5	560	100	12	3.5
DIP-8																	
P2503NPG	DIP-8	Complementary	N	No	No	30	20	7	25	37			2.5	790	65	16	2.1
P2503NPG	DIP-8	Complementary	P	No	No	-30	20	-5	45	80			-2.5	690	75	14	1.9
P5506HPG	DIP-8	Dual	Dual - N	No	No	60	20	4	63	79			2.5	622	48	12.5	3.6
P5806NPG	DIP-8	Complementary	N	No	No	60	20	4.5	58	85			2.5	650	35	12	2.6
P5806NPG	DIP-8	Complementary	P	No	No	-60	20	-3.5	90	135			-2.5	630	33	11	2.5
TO-263																	
P1004BS	TO-263	Single	N	No	No	40	20	50	11				3	1550	185	26	8
P1308ASG	TO-263	Single	N	No	No	75	20	71	13				4	3820	130	160	55
P2904BS	TO-263	Single	N	No	No	40	20	42	29				3	1170	70	20	6
P3055LSG	TO-263	Single	N	No	No	25	20	12	90				2.5	450	60	15	7
P3506DS	TO-263	Single	P	No	No	-60	20	-40	35				-4	2590	150	38.6	8.8
P4004ES	TO-263	Single	P	No	No	-40	20	-36	40				-3	1050	105	20	6
P9006ESG	TO-263	Single	P	No	No	-60	20	-18	90	135			-3	1070	64	22	6