



ALPHA & OMEGA  
SEMICONDUCTOR

## MOSFET Selector Guide (updated 2006-07-30)

AOS Contact:

Part Number	Package	Configuration	Type	ESD Diode	Schottky Diode	Schottky y Type	Optimal Application	V <sub>DS</sub> (V)	V <sub>GS</sub> (± V)	I <sub>DS</sub> (A)	P <sub>D</sub> (W)	R <sub>DS(on)</sub> (mΩ max) at V <sub>GS</sub> =	V <sub>GS(th)</sub> (mV)	Ciss (pF)	Crss (pF)	Qg (nC)	Qgd (nC)	Td(on) (ns)	Td(off) (ns)					
								25°C	70°C	25°C	70°C	10V	4.5V	2.5V	1.8V									
AQ3055	TO-252	Single	N	No	No		General Purpose	30	20	8	6	4.2	2.6	65	105		3	288	39	6.72	1.78	3.7	15.6	
AQ3400	SOT-23	Single	N	No	No		General Purpose	30	12	5.8	4.9	1.4	1	28	33	52	1.4	823	77	9.7	3.1	5.5	37	
AQ3401	SOT-23	Single	P	No	No		General Purpose	-30	12	-4.2	-3.5	1.4	1	50	65	120	-1.3	954	77	9.4	3	6.3	38.2	
AQ3402	SOT-23	Single	N	No	No		General Purpose	30	12	4	3.4	1.4	1	55	70	110	1.4	390	41	4.34	1.38	3.3	21.7	
AQ3403	SOT-23	Single	P	No	No		General Purpose	-30	12	-2.6	-2.2	1.4	1	130	180	260	-1.4	409	42	4.4	1.32	5.3	31.5	
AQ3404	SOT-23	Single	N	No	No		General Purpose	30	20	5.8	4.9	1.4	1	28	42		3	680	77	13.9	3.12	4.6	20.9	
AQ3406	SOT-23	Single	N	No	No		General Purpose	30	20	3.6	2.9	1.4	0.9	65	105		3	288	39	6.5	1.6	4.6	20.1	
AQ3407	SOT-23	Single	P	No	No		General Purpose	-30	20	-4.1	-3.5	1.4	1	52	87		-3	700	75	14.3	3	8.6	28.2	
AQ3409	SOT-23	Single	P	No	No		General Purpose	-30	20	-2.6	-2.2	1.4	1	130	200		-3	302	37.8	6.8	0.95	7.5	17	
AQ3413	SOT-23	Single	P	No	No		General Purpose	-20	8	-3	-2.4	1.4	0.9	97	130	190	-1	540	49	6.1	1.6	10	44	
AQ3414	SOT-23	Single	N	No	No		General Purpose	20	8	4.2	3.2	1.4	0.9	50	63	87	1	436	44	6.2	0.5	5.5	40	
AQ3415	SOT-23	Single	P	Yes	No		General Purpose	-20	8	-4	-3.5	1.4	0.9	43	54	73	-1	1450	160	17.2	4.5	9.5	94	
AQ3416	SOT-23	Single	N	Yes	No		Load Switch	20	8	6.5	5.2	1.4	0.9	22	26	34	1	1160	146	16	3.8	6.2	51.7	
AQ3418	SOT-23	Single	N	No	No		SMPS All	30	12	3.8	3.1	1.4	0.9	60	70	155	1.8	226	29	3	0.55	2.6	14.5	
AQ3419	SOT-23	Single	P	Yes	No		General Purpose	-20	12	-3.5	-2.8	1.4	0.9	75	95	145	-1.4	512	62	5.5	1.9	5	28	
AQ3420	SOT-23	Single	N	No	No		Load Switch	20	12	6	5	1.4	0.9	24	27	42	55	1	630	137	8.8	3.7	5.5	29
AQ3421	SOT-23	Single	P	No	No		General Purpose	-30	20	-2.6	-2.2	1.4	1	130	200		-3	302	37.8	6.8	0.95	7.5	17	
AQ3422	SOT-23	Single	N	No	No		General Purpose	55	12	2.1	1.7	1.25	0.8	160	200		2	214	12.6	2.6	0.8	2.3	16.5	
AQ3423	SOT-23	Single	N	No	No		General Purpose	-20	12	-2	-2	1.4	0.9	92	118	166	-1.4	512	62	5.5	1.9	5	28	
AQ3424	SOT-23	Single	N	No	No		General Purpose	30	12	2	2	1.4	0.9	80	95	157	1.8	226	29	26	0.5	4	22	
AQ3700	SOT-23	Single	P	No	No		General Purpose	-30	12	3.3	2.6	1.15	0.7	65	75	160	2	270	29	4.6	0.55	2.6	14.5	
AQ3701	SOT-23	Single	P	No	No		General Purpose	-20	12	-3	-2.3	1.14	0.72	80	100	145	-1.4	620	62	5.5	1.9	5	28	
AQ4403	SO-8	Single	P	No	No		General Purpose	-30	12	-6.1	-5.1	3	2.1	46	61	117	-1.3	940	73	9.4	3	7.6	44.7	
AQ4404	SO-8	Single	N	No	No		General Purpose	30	12	8.5	7.1	3	2.1	24	30	48	1.4	857	71	9.7	3.1	3.3	26	
AQ4405	SO-8	Single	P	No	No		General Purpose	-30	20	-6	-5.1	3	2.1	50	85		-3	700	78	14.7	3.8	8.6	28.2	
AQ4406	SO-8	Single	N	No	No		SMPS High Side	30	12	11.5	9.6	3	2.1	14	16.5	26	1.5	1630	142	18	5.5	4	32	
AQ4407	SO-8	Single	P	No	No		Load Switch	-30	25	-12	-10	3	2.1	14	24		-3	2076	302	37.2	10.4	12.4	25.6	
AQ4408	SO-8	Single	N	No	No		SMPS High Side	30	12	12	10	3	2.1	14	16.5		2.5	1020	80	10.3	3	3.9	19.2	
AQ4409	SO-8	Single	P	No	No		Load Switch	-30	20	-15	-13	3	2.1	7.5	12		-2.7	5270	745	100	23	14	76.5	
AQ4410	SO-8	Single	N	No	No		SMPS Low Side	30	12	18	15	3	2.1	5.5	6.2		1.5	9130	387	72.4	16.8	11	99	
AQ4411	SO-8	Single	P	No	No		General Purpose	-30	20	-8	-6.6	3	2.1	32	55		-2.4	920	122	18.4	4.9	7.1	18.9	
AQ4412	SO-8	Single	N	No	No		SMPS High Side	30	12	8.5	7.1	3	2.1	26	34		3	590	40	6.04	2.56	3.7	14.9	
AQ4413	SO-8	Single	P	No	No		Load Switch	-30	25	-15	-13	3	2.1	8.5			-3.5	4360	762	78	23.6	17.5	49	
AQ4413A	SO-8	Single	P	No	No		Load Switch	-30	25	-15	-13	3	2.1	8.5			-3.5	4245	689	69	18.8	16.5	116	
AQ4414	SO-8	Single	N	No	No		General Purpose	30	20	8.5	7.1	3	2.1	26	40		3	680	77	13.8	3.32	4.5	20.1	
AQ4415	SO-8	Single	P	No	No		Load Switch	-30	25	-8	-6.6	3	2.1	35			-3.5	893	151	16.6	5.2	10.5	15.1	
AQ4418	SO-8	Single	N	No	No		General Purpose	30	25	11.5	9.7	3	2.1	17	40		3	758	128	16.6	4.9	5.4	14.4	
AQ4419	SO-8	Single	P	No	No		General Purpose	-30	20	-9.7	-8.1	3	2.1	20	35		-2.7	1573	211	26.4	6.8	9.5	44.2	
AQ4420	SO-8	Single	N	No	No		SMPS Low Side	30	12	13.7	9.7	3.1	2	10.5	12		2	3656	168	30.5	8.6	5.5	49.8	
AQ4421	SO-8	Single	P	No	No		General Purpose	-60	20	-6.2	-5	3.1	2	40	50		-2.4	2417	120	45.2	9.6	9.8	44	
AQ4422	SO-8	Single	N	No	No		General Purpose	30	20	11	9.3	3	2.1	15	24		3	1040	110	19.8	3.5	4.5	17.4	
AQ4422A	SO-8	Single	N	No	No		General Purpose	30	20	11	9.3	3	2.1	15	24		3	955	112	17	4.7	5	19	
AQ4423	SO-8	Single	P	Yes	No		Load Switch	-30	25	-15	-12	3.1	2	8.5			-3.5	4632	705	82	23	18.5	55	
AQ4425	SO-8	Single	P	Yes	No		Load Switch	-38	25	-14	-11	3.1	2	10	11		-3.5	3800	350	63	16.1	12.4	97.5	
AQ4427	SO-8	Single	P	Yes	No		Load Switch	-30	25	-12.5	-11	3	2.1	14			-3	2330	320	41	12	12.8	49.5	
AQ4429	SO-8	Single	P	Yes	No		Load Switch	-30	20	-15	-13	3.1	2	7.7	12		-2.7	5355	620	91	21	15	82.5	
AQ4430	SO-8	Single	N	No	No		SMPS Low Side	30	20	18	15	3	2.1	5.5	7.5		2.5	6060	355	103	15	12	51.5	
AQ4433	SO-8	Single	P	Yes	No		Load Switch	-30	25	-11	-9.7	3	2.1	18			-4	1760	255	30	8	11.5	35	
AQ4437	SO-8	Single	P	Yes	No		Load Switch	-12	8	-11	-9	3	2.1			20	25	-1	3960	757	37	11	15	158
AQ4438	SO-8	Single	N	No	No		Inverter	60	20	8.2	6.6	3.1	2	23	27		3	1920	116	47.6	14.4	7.6	28.9	
AQ4440	SO-8	Single	N	No	No		Inverter	60	20	5	4	2.5	1.6	55	75		2.5	450	25	8.5	2.2	5.1	15.9	
AQ4441	SO-8	Single	P	No	No		Inverter	-60	20	-4	-3.1	3.1	2	100	130		-3	930	35	16	3.2	8	31.5	
AQ4442	SO-8	Single	N	No	No		Inverter	75	25	3.1	2.5	2.5	1.6	130	165		3	303	17	5.2	1.34	4.5	15.6	
AQ4443	SO-8	Single	P	No	No		Inverter	-40	20	-6.5	-5	3.1	2	42	63		-3	657	63	14.2	4.1	7.7	26.5	
AQ4444	SO-8	Single	N	No	No		SMPS Low Side	30	20	18	15	2.5	1.6	4.5	5.5		1	3200	414	63	17.6	12	40	
AQ4446	SO-8	Single	N	No	No		SMPS High Side	30	20	15	12	3	2.1	8.5	14.5		3	1520	214	16.2	9.6	7	24.2	
AQ4447	SO-8	Single	P	No	No		SMPS Low Side	-30	20	-15	-14	3.1	2	8	12		-1.6	5500	473	45.2	19.4	12	100	
AQ4450	SO-8	Single	N	No	No		Inverter	40	20	6.6	5.2	2.5	1.6	30	43		3	404	37	9.3	2.5	4.3	15	
AQ4456	SO-8	Single	N	No	No		Inverter	30	12	20	16	3.1	2	4.6	5.6		2.4	6430	756	17	13	17.5	56	
AQ4466	SO-8	Single	N	No	No		Inverter	30	20	9.4	7.7	3.1	2.1	23	30		3	621	118	11.3	3	6.5	23	
AQ4468	SO-8	Single	N	No	No		Inverter	30	20	11.6	9.2	3.1	2	14	22		3	955	155	17	4.7	6.5	25	
AQ4474	SO-8	Single	N	No	No		Inverter	30	12	13.4	10.7	3.7	2.4	11.5	13.5		2.5	1210	330	22	2.7	10	21	
AQ4600	SO-8	Complementary	N	No	No		Inverter	30	12	6.9	5.8	2	1.44	27	32	50	1.4	858	80	9.6	3	5.7	37	
AQ4601	SO-8	Complementary	P	No	No		Inverter	-30	12	-5	-4.2	2	1.44	49	64	120	-1.4	952	77	9.5	3.1	12	21.7	
AQ4602	SO-8	Complementary	N	No	No		Load Switch	30	12	4.7	-8	2	1.44	55	70	110	1.4	390	41	0.6	4.34	3.3	21.7	
AQ4602	SO-8	Complementary	P	No	No		Load Switch	-30	12	-4.7	-8	2	1.44	55	70	110	-1.4	390	41	0.6	4.34	3.3	21.7	
AQ4603	SO-8	Complementary	N	No	No		Load Switch	30	12	4.7	4	2	1.44	55	70	110	1.4	390	41	0.6	4.34	3.3	21.7	
AQ4603	SO-8	Complementary	P	No	No		Load Switch	-30	12	-4.7	-4	2	1.44	55	70	110	-1.4	390	41	0.6	4.34	3.3	21.7	
AQ4604	SO-8	Complementary	N	No	No		Inverter	30	20	6.9	5.8													

AO4816	SO-8	Dual	N	No	No		General Purpose	30	25	8.5	6.5	2	1.28	20	46				3	758	128	16.5	4.8	5.4	14.4
AO4817	SO-8	Dual	P	Yes	No		Load Switch	-30	25	-8	-6.9	2	1.44	21				-3	1760	255	30	8	12.5	40	
AO4818	SO-8	Dual	N	No	No		General Purpose	30	20	8.5	6.6	2	1.28	19	28			3	1040	110	19.2	4.2	5.2	17.3	
AO4821	SO-8	Dual	P	Yes	No		Load Switch	-12	8	-8	-6.7	2	1.28		18	22	29	-1	3960	757	37	11	15	158	
AO4822	SO-8	Dual	N	No	No		General Purpose	30	20	8.5	6.6	2	1.28	16	26			3	1040	110	19.2	4.2	5.2	17.3	
AO4824	SO-8	Dual Asymmetric	N	No	No		SMPS All	30	20	8.5	6.8	2	1.28	17	27			3	1040	110	19.2	4.2	5.2	17.3	
AO4826	SO-8	Dual Asymmetric	N	No	No		SMPS All	30	12	9.8	7.8	2	1.28	13	15			2	3656	168	30.5	8.5	5.5	52.4	
AO4826	SO-8	Dual	N	No	No		General Purpose	60	20	6.3	5	2	1.28	25	30			3	1920	116	47.6	14.4	7.6	28.9	
AO4828	SO-8	Dual	N	No	No		General Purpose	60	20	4.5	3.6	2	1.28	56	77			3	450	25	8.5	2.2	4.7	15.7	
AO4836	SO-8	Dual	N	Yes	No		General Purpose	30	20	7.2	6.1	2	1.44	24	40			3	522	75	11	4	4.7	16.2	
AO4842	SO-8	Dual	N	Yes	No		General Purpose	30	20	7.5	6.4	2	1.44	22	35			3	621	118	12	3	6.5	12	
AO4900	SO-8	Dual	N	No	Yes	1A	SMPS All	30	12	6.9	5.8	2	1.44	27	32	50		1.4	846	67	9.6	3	5.7	37	
AO4902	SO-8	Dual	N	No	Yes	Dual 1A	SMPS All	30	12	6.9	5.8	2	1.44	27	32	50		1.4	846	67	9.6	3	5.7	37	
AO4904	SO-8	Dual	N	No	Yes	1A	SMPS All	30	12	6.9	5.8	2	1.44	27	32	50		1.4	846	67	9.6	3	5.7	37	
AO4906	SO-8	Dual	N	No	Yes	1A	SMPS All	30	12	7	6	2	1.44	27	32	50		1.4	846	67	9.6	3	3.2	26.3	
AO4912	SO-8	Dual Asymmetric	N	No	Yes		SMPS All	30	12	7	6.4	2	1.28	26	31			2	590	40	6.04	2.56	3.7	14.9	
AO4912	SO-8	Dual Asymmetric	N	No	Yes	1A	SMPS All	30	20	8.5	6.8	2	1.28	17	25			3	1040	110	19.2	4.2	5.2	17.3	
AO4914	SO-8	Dual	N	No	Yes	1A	SMPS All	30	20	8.5	6.6	2	1.28	18	28			3	1040	110	19.2	4.2	5.2	17.3	
AO4916	SO-8	Dual	N	No	Yes	1A	SMPS All	30	20	8.5	6.6	2	1.28	17	27			3	1040	110	19.2	4.2	5.2	17.3	
AO4918	SO-8	Dual Asymmetric	N	No	Yes	1A	SMPS All	30	20	8.3	6.7	2	1.28	18	27			3	1040	110	19.2	4.2	5.2	17.3	
AO4918	SO-8	Dual Asymmetric	N	No	Yes	1A	SMPS All	30	12	9.3	7.4	2	1.28	14.5	16			2	3656	168	30.5	8.6	5.5	49.8	
AO6400	TSOP-6	Single	N	No	No		General Purpose	30	12	6.9	5.8	2	1.44	28	33	52		1.4	823	77	9.6	3	5.5	37	
AO6401	TSOP-6	Single	P	No	No		General Purpose	-30	12	-5	-4.2	2	1.44	49	64	119		-1.3	943	73	9.5	2.9	6	40	
AO6402	TSOP-6	Single	N	No	No		General Purpose	30	20	6.9	5.8	2	1.44	28	42			3	680	77	13.8	3.2	4.6	20.6	
AO6403	TSOP-6	Single	P	No	No		General Purpose	-30	20	-6	-5	2	1.44	35	58			-2.4	920	122	18.5	4.5	7.7	20.2	
AO6404	TSOP-6	Single	N	No	No		Load Switch	20	12	8.5	7.3	2	1.44	15	16	22	30	1	1690	184	17.8	5	3.3	44	
AO6405	TSOP-6	Single	P	No	No		General Purpose	-30	20	-5	-4.2	2	1.4	52	87			-3	700	75	14.7	3.8	8.3	29	
AO6408	TSOP-6	Single	N	Yes	No		General Purpose	20	12	8.8	7	2	1.28	18	20	25	32	1	1810	200	17.9	4.7	3.3	44	
AO6409	TSOP-6	Single	P	Yes	No		Load Switch	-20	8	-5	-4.2	2	1.28			45	56	75	-1	1450	160	17.2	4.5	9	91
AO6414	TSOP-6	Single	N	No	No		General Purpose	55	12	2.3	1.9	1.56	1.1		160	200		2	214	12.6	2.6	0.8	2.3	16.5	
AO6415	TSOP-6	Single	P	Yes	No		Load Switch	-20	12	-3.3	-2.7	1.25	0.8	75	100	150		-1.4	512	62	4.9	1.2	11	34	
AO6419	TSOP-6	Single	P	Yes	No		Load Switch	-30	20	-5	-4.2	2	1.4	52	87	110		-3	700	75	14.7	3.8	8.3	29	
AO6601	TSOP-6	Complementary	N	No	No		Inverter	30	12	3.4	2.7	1.15	0.73	60	75	115		1.4	390	41	4.96	1.72	6.8	35.2	
AO6601	TSOP-6	Complementary	P	No	No		Inverter	-30	12	-2.3	-1.8	1.15	0.73	135	185	265		-1.4	409	42	4.9	1.6	6.9	38.5	
AO6602	TSOP-6	Complementary	N	No	No		Inverter	30	20	3.1	2.4	1.15	0.73	75	115			3	200	20	6.5	1.6	3.3	13.2	
AO6602	TSOP-6	Complementary	P	No	No		Inverter	-30	20	-2.7	-2.1	1.15	0.73	100	180			-3	260	44	5.8	1.6	7	15	
AO6603	TSOP-6	Complementary	N	No	No		Load Switch	20	8	1.7	1.4	1.15	0.73			225	290	425	0.8	101	14	1.57	0.36	3.2	15.5
AO6603	TSOP-6	Complementary	P	No	No		Load Switch	-30	12	-2.3	-1.8	1.15	0.73	135	185	265		-1.4	409	42	0.72	4.8	8.5	55	
AO6604	TSOP-6	Complementary	N	No	No		Inverter	20	8	3.4	2.7	1.15	0.73		60	75	100	1	436	44	6.2	0.5	5.5	40	
AO6604	TSOP-6	Complementary	P	No	No		Inverter	-20	8	-2.5	-2	1.15	0.73		110	140	200	-1	540	49	6.1	1.6	10	44	
AO6605	TSOP-6	Complementary	N	No	No		Load Switch	20	8	1.7	1.4	1.15	0.73		200	270	400	0.9	101	14	1.6	0.4	3.2	15.5	
AO6605	TSOP-6	Complementary	P	No	No		Load Switch	-20	8	-2.5	-2	1.15	0.73		97	130	190	-1	540	49	6.1	1.6	12	49	
AO6700	TSOP-6	Single	N	No	Yes	1A	SMPS All	-20	8	4.1	3.3	1.39	0.89		50	65	95	1	449	51.6	5.9	1.3	4.5	32.7	
AO6701	TSOP-6	Single	P	No	Yes	1A	SMPS All	-30	12	-2.3	-1.8	1.15	0.7	135	185	265		-1.4	409	42	4.9	1.6	6.9	38.5	
AO6702	TSOP-6	Single	N	No	Yes	1A	SMPS All	-20	8	3.8	3	1.15	0.7		50	65	95	1	449	51.6	5.9	1.3	4.5	32.7	
AO6704	TSOP-6	Single	N	No	Yes	1A	SMPS All	30	12	3.6	2.9	1.39	0.89	65	75	160		1.8	226	29	3	0.55	2.6	14.5	
AO6706	TSOP-6	Single	N	No	Yes	1A	SMPS All	30	12	3.3	2.6	1.15	0.7	65	75	160		1.8	226	29	3	0.55	2.6	14.5	
AO6800	TSOP-6	Dual	N	No	No		General Purpose	30	12	3.4	2.7	1.15	0.73	60	75	115		1.4	390	41	4.96	1.72	6.8	35.2	
AO6801	TSOP-6	Dual	P	No	No		General Purpose	-30	12	-2.3	-1.8	1.15	0.73	135	185	265		-1.4	409	42	4.9	1.6	6.9	38.5	
AO6802	TSOP-6	Dual	N	No	No		General Purpose	30	20	3.1	2.4	1.15	0.73	75	115			3	200	20	3.1	1.6	3.3	13.2	
AO7400	SC70-3	Single	N	No	No		General Purpose	30	12	1.7	1.3	0.35	0.22	85	100	140		1.4	390	41	4.82	1.58	2.5	22	
AO7401	SC70-3	Single	P	No	No		General Purpose	-30	12	-1.2	-1	0.35	0.22	150	200	280		-1.4	409	42	5.06	1.58	6.2	41.2	
AO7402	SC70-3	Single	N	No	No		General Purpose	20	8	1.6	1.2	0.35	0.22		90	105	130	0.8	458	54	6.05	1.45	7.3	40	
AO7403	SC70-3	Single	P	Yes	No		General Purpose	-20	8	-0.7	-0.5	0.35	0.22		470	625	900	-0.9	114	14	1.44	0.35	6.5	18.2	
AO7404	SC70-3	Single	N	Yes	No		General Purpose	20	8	1	0.75	0.35	0.22		225	290	425	0.8	101	14	1.57	0.36	3.2	15.5	
AO7405	SC70-6	Single	P	No	No		General Purpose	-30	12	-1.6	-1.3	0.625	0.4	150	200	280		-1.4	409	42	5.06	1.58	6.2	41.2	
AO7407	SC70-3	Single	P	No	No		General Purpose	-20	8	-1.2	-1	0.35	0.22		135	170	220	-1	540	49	6.2	1.44	12	74	
AO7408	SC70-6	Single	N	No	No		General Purpose	20	8	2.2	1.75	0.625	0.4		70	85	110	0.8	458	54	6.05	1.45	7.3	40	
AO7410	SC70-3	Single	N	No	No		General Purpose	30	12	1.6	1.3	0.35	0.22	90	100	175		1.8	226	29	3	1.2	2.8	17.4	
AO7411	SC70-6	Single	P	No	No		General Purpose	-20	8	-1.8	-1.5	0.625	0.4		120	150	200	-0.8	524	73	6.24	1.84	10.5	54.5	
AO7412	SC70-6	Single	N	No	No		General Purpose	30	12	2.1	1.7	0.62	0.4	90	100	160		2	226	29	3	1.2	2.8	17.4	
AO7413	SC70-3	Single	P	Yes	No		General Purpose	-20	12	-1.4	-1.2	0.35	0.22	113	135	180		-1.4	512	62	4.9	3.7	11	34	
AO7415	SC70-6	Single	P	Yes	No		General Purpose	-20	12	-2	-1.6	0.62	0.4	100	125	170		-0.95	620	62	4.9	3.7	13	41	
AO7600	SC70-6	Complementary	N	No	No		Inverter	20	8	0.9	0.7	0.3	0.19		235	310	415	0.8	101	14	1.57	0.36	3.2	15.5	
AO7600	SC70-6	Complementary	P	No	No		Inverter	-20	8	-0.6	-0.5	0.3	0.19		520	700	950	-0.9	114	14	1.44	0.35	6.5	18.2	
AO7800	SC70-6	Dual	N	Yes	No		General Purpose	20	8	0.9	0.7	0.3	0.19		235	310	415	0.8	101	14	1.57	0.36	3.2	15.5	
AO7801	SC70-6	Dual	P	No	No		General Purpose	-20	8	-0.6	-0.5	0.3	0.19		520	700	950	-0.9	114	14	1.44	0.35	6.5	18.2	
AO8403	TSSOP-8	Single	P	Yes	No		Load Switch																		

A08816	TSSOP-8	Dual Common-Dra	N	Yes	No		Battery Protector	30	12	7	5.5	1.5	0.96	18	20	27		1	1060	90	14	4.6	8.7	36
A08820	TSSOP-8	Dual Common-Dra	N	Yes	No		Battery Protector	20	12	7	5.5	1.5	0.96	21	24	32	50	1	800	120	12	3	7	29
A08822	TSSOP-8	Dual Common-Dra	N	No	No		Battery Protector	20	12	7	5.7	1.5	0.96	21	24	32	50	1	630	137	9.3	3.6	5.7	31.5
A09926	SO-8	Dual	N	No	No		Battery Protector	20	8	5	4.2	2	1.44		50	65	90	1	436	44	5.54	0.52	5	29
A09926B	SO-8	Dual	N	No	No		Battery Protector	20	12	7.6	6.1	2	1.8	23	26	34	52	1	630	137	8.8	3.7	5.5	29
A09926E	SO-8	Dual	N	Yes	No		Battery Protector	20	8	8	6.4	2	1.28		21	25	33	1	1160	146	16	3.8	6.2	51.7
A0B403	TO-252	Single	P	No	No		Inverter	-60	20	-30	-20	83	42	44	55			-3	3600	153	54	10	13.7	37
A0B405	TO-252	Single	P	No	No		Inverter	-40	20	-12	-12	50	25	48	72			-3	657	63	14.1	4.1	8	24
A0B414	TO-263	Single	N	No	No		SMPS Low Side	30	12	110	80	100	50	4.2	4.8			1.5	9130	387	72.4	18.4	15	106.5
A0B416	TO-263	Single	N	No	No		SMPS Low Side	30	20	110	78	100	50	4.5	6.5			2.4	6060	355	96.4	16	15.5	52.5
A0B418	TO-263	Single	N	No	No		SMPS High Side	30	12	110	68	100	50	6	7.2			2	2100	165	19.6	8	5.9	34
A0B420	TO-263	Single	N	No	No		SMPS High Side	30	20	110	65	100	50	6.5	10			2.5	1320	154	25.5	6.7	7.7	22.2
A0B428	TO-263	Single	N	No	No		General Purpose	105	25	40	28	100	50	28				4	2038	85	38.5	13.4	12.7	31.5
A0B430	TO-263	Single	N	No	No		General Purpose	60	20	12	12	50	25	60	85			3	540	27	10	1.9	4.2	16
A0B432	TO-263	Single	N	No	No		General Purpose	40	20	12	11	18	9	34	54			3	404	37	4.5	2.6	4	12
A0B434	TO-263	Single	N	No	No		SMPS High Side	25	20	55	55	50	25	9.5	15			3	1476	190	7.5	7.4	6.5	18
A0B436	TO-263	Single	N	No	No		SMPS Low Side	25	20	55	55	50	25	7	11			3	220	275	40	8.5	7.5	25
A0D400	TO-252	Single	N	No	No		SMPS All	30	12	10	10	20	10	30	36	52		1.4	857	71	9.7	3.1	3.5	25
A0D402	TO-252	Single	P	No	No		SMPS All	30	25	18	12	60	30	18	44			3	769	131	15.9	4.92	6.2	16
A0D403	TO-252	Single	P	No	No		Load Switch	-30	25	-85	-65	100	50	7	6			-3.5	4360	762	93.2	29.2	18	51
A0D404	TO-252	Single	N	No	No		SMPS High Side	30	12	85	65	100	50	7	8			2	2100	165	19.7	7.9	5.9	36.2
A0D405	TO-252	Single	P	No	No		General Purpose	-30	20	-18	-18	60	30	32	60			-2.4	920	122	18.7	5.4	9	20
A0D406	TO-252	Single	N	No	No		SMPS Low Side	30	12	85	75	100	50	5	5.7			1.5	9130	387	72.4	16.8	14.7	105.5
A0D407	TO-252	Single	P	No	No		General Purpose	-60	20	-12	-10	50	25	115	150			-3	987	46	15.8	3.5	9	25
A0D408	TO-252	Single	N	No	No		SMPS All	30	20	18	18	60	30	18	27			2.5	1040	110	19.8	3.5	4.5	17.4
A0D409	TO-252	Single	P	No	No		General Purpose	-60	20	-26	-18	60	30	40	55			-2.4	2977	153	44	10	12	38
A0D410	TO-252	Single	N	No	No		General Purpose	30	20	8	6	25	12.5	65	105			3	288	39	6.72	1.78	3.7	15.6
A0D413	TO-252	Single	P	No	No		General Purpose	-40	20	-12	-12	50	25	45	63			-3	657	63	7	4.1	8	24
A0D413Y	TO-252	Single	P	No	No		General Purpose	-40	20	-12	-12	50	25	45	63			-3	657	63	7	4.1	8	24
A0D414	TO-252	Single	N	No	No		SMPS Low Side	30	20	85	73	100	50	5.2	7			2.4	6060	355	96.4	15.6	15.7	55.5
A0D420	TO-252	Single	N	No	No		General Purpose	30	20	10	10	60	30	28	42			3	710	72	14.4	2.7	5.6	15.6
A0D421	TO-252	Single	P	No	No		General Purpose	-20	12	-12.5	-8.9	18.8	9.4	75	95	145		-1.4	512	62	4.6	2.1	5.2	17
A0D422	TO-252	Single	N	No	No		General Purpose	20	8	10	10	50	20	22	26	34		1	1160	146	16	3.8	6.2	51.7
A0D434	TO-252	Single	N	Yes	No		General Purpose	20	12	18	18	60	30	15	16	21	30	1	1810	200	17.9	4.7	2.5	49
A0D436	TO-252	Single	N	No	No		SMPS High Side	30	20	85	63	100	50	7.5	13			3	1520	214	16.2	9.6	7	24.2
A0D438	TO-252	Single	N	No	No		SMPS Low Side	30	20	85	63	100	50	3.5	5.5			3	3200	414	33	17.6	12	40
A0D442	TO-252	Single	N	No	No		General Purpose	60	20	38	27	60	30	20	25			3	1750	106	42	12	8.5	30.5
A0D444	TO-252	Single	N	No	No		General Purpose	60	20	12	12	60	30	60	85			3	385	20	7.5	1.9	4.2	16
A0D446	TO-252	Single	N	No	No		General Purpose	75	25	10	10	20	10	14	16.5			3	293	20	5.2	1.34	4.6	14.7
A0D448	TO-252	Single	N	No	No		General Purpose	30	20	7.5	56	50	25	5	9			2.5	2810	320	84	18.5	9	30.7
A0D450	TO-251	Single	N	No	No		Inverter	200	30	3.8	2.7	25	12.5	700				6	215	7.2	3.82	1.47	6.3	10.5
A0D452	TO-252	Single	N	No	No		SMPS High Side	25	20	55	55	50	25	8.5	14			3	1230	190	13.5	7.75	6.5	22.7
A0D454	TO-252	Single	N	No	No		General Purpose	40	20	12	12	20	10	33	47			3	404	37	4.5	2.6	3.5	13.2
A0D454Y	TO-252	Single	N	No	No		General Purpose	40	20	12	12	20	10	33	47			3	404	37	4.5	2.6	3.5	13.2
A0D456	TO-252	Single	N	No	No		SMPS Low Side	25	20	50	50	50	25	6	10			3	1850	275	15.7	8.2	7.5	30
A0D460	TO-252	Single	N	No	No		SMPS All	25	20	25	25	30	15	14	24			2.5	830	127	15.3	4.3	8	30
A0D464	TO-252	Single	N	No	No		General Purpose	105	25	40	28	100	50	28				4	2038	85	38.5	10	12.7	31.5
A0D466	TO-252	Single	N	No	No		SMPS All	25	20	30	25	30	15	14	24			2.5	830	127	15.3	4.3	8	30
A0D472	TO-252	Single	N	No	No		SMPS All	25	20	50	50	50	25	6.2	9.5			2.5	2050	280	34	3.5	7.5	27
A0D484	TO-252	Single	N	No	No		SMPS All	30	20	25	25	30	15	15	23			2.5	938	99	8.4	4.1	5	19
A0D488	TO-252	Single	N	No	No		SMPS All	40	20	20	10	2	1.3	21.5	31			3	404	95	37	2.7	3.5	13.2
A0D494	TO-252	Single	N	No	No		SMPS All	30	12	55	39	4	2.6	11	13.5			2.5	1210	330	22	3.7	10	21
A0D496	TO-252	Single	N	No	No		SMPS All	30	20	62	44	2.5	1.6	9.5	16			2.5	1000	340	18	4.8	5.6	18.5
A0D803	TO-252	Complementary	N	No	No		Inverter	60	20	12	12	2	1.3	60	85			3	450	27	7.5	1.9	4.2	16
A0D804	TO-252	Complementary	P	No	No		Inverter	-60	20	-12	-10	2.5	1.6	115	150			-3	987	46	15.8	3.5	9	25
A0D804	TO-252-5L	Complementary	N	No	No		Inverter	40	20	8	8	2	1.3	33	47			3	404	37	9.2	2.6	3.5	13.2
A0D804	TO-252-5L	Complementary	P	No	No		Inverter	-40	20	-8	-8	2	1.3	50	70			-3	657	63	14.1	4.1	8	24
A0D806	TO-252-4L	Complementary	N	No	No		Inverter	40	20	8	8	2	1.3	33	47			3	404	37	9.2	2.6	3.5	13.2
A0D806	TO-252-4L	Complementary	P	No	No		Inverter	-40	20	-8	-8	2	1.3	50	70			-3	657	63	14.1	4.1	8	24
A0N4602	DFN 2x3	Complementary	N	No	No		General Purpose	20	8	4.2	3.2	1.4	0.9		34	43	57	1	436	44	6.2	0.5	5.5	40
A0N4701	DFN 2x3	Complementary	P	No	No		General Purpose	-20	8	-3.4	-2.7	1.7	1.1		90	120	160	-2	540	49	6.1	1.6	10	44
A0N5800	DFN 2x5	Single	P	No	Yes	1A	Load Switch	-20	8	-3.4	-2.7	1.7	1.1		90	120	160	-1	540	49	6.1	1.6	10	44
A0N5800	DFN 2x5	Dual Common-Dra	N	Yes	No		Battery Protector	20	12	8	6.3	1.6	1	16	20	27		0.8	1330	161	13.1	3.9	6.2	40.5
A0N5802	DFN 2x5	Dual Common-Dra	N	Yes	No		Battery Protector	30	12	8	6	1.7	1	17	20	30		1.5	869	104	10.7	4.3	3.4	27.2
A0L1401	Ultra SO8	Single	N	No	No		SMPS Low Side	-38	25	-85	-62	100	50	8.5	6			-3.5	3800	350	61.2	15.4	13.5	97

AOL1408	Ultra SO8	Single	N	No	No		SMPS Low Side	30	20	85	57	100	50	4	6			1.8	6060	355	96.4	15.6	15.7	55.5
AOL1412	Ultra SO8	Single	N	No	No		SMPS Low Side	30	12	85	84	27	21	3.9	4.6			2.4	6430	752	96	13	17.5	56
AOL1414	Ultra SO8	Single	N	No	No		SMPS High Side	30	12	85	70	100	50	6.5	7.5			2	2100	165	19.7	7.9	5.9	36.2
AOL1418	Ultra SO8	Single	N	No	No		SMPS High Side	30	20	85	70	100	50	7	11			3	1320	154	13.3	6.6	7.2	22
AOL1420	Ultra SO8	Single	N	No	No		SMPS Low Side	30	20	85	63	18	14	3.7	5.5			3	3200	414	63	17.6	12	40
AOL1426	Ultra SO8	Single	N	No	No		SMPS High Side	30	12	46	33	43	21	8.5	10.2			3	1210	85	22	3.7	110	21
AOL1428	Ultra SO8	Single	N	No	No		SMPS High Side	30	20	49	34	43	21	9.5	16			2.5	1000	100	8.5	4.8	5.6	18.5
AOL1432	Ultra SO8	Single	N	No	No		SMPS High Side	25	20	12	9	30	15	8.5	14			3	1430	215	26.4	7.75	6.5	22.7
AOL1444	Ultra SO8	Single	N	No	No		SMPS Low Side	30	20	85	57	100	50	4.3	6.3			1.8	6060	355	96.4	15.6	15.7	55.5
AOL1446	Ultra SO8	Single	N	No	No		SMPS High Side	30	20	85	70	100	50	7	11			3	1320	154	13.3	6.6	7.2	22
AOP804	PDIP-8	Complementary	N	No	Yes	1A	Inverter	30	20	7.5	6	2.5	1.6	28	43			3	680	77	13.8	3.2	4.6	20.6
	PDIP-8	Complementary	P	No	No		Inverter	-30	20	-6.6	-5.3	2.5	1.6	35	58			-2.4	920	122	18.5	4.5	7.7	20.2
AOP805	PDIP-8	Complementary	N	No	No		Inverter	30	20	7.5	6	2.5	1.6	28	43			3	680	77	13.8	3.2	4.6	20.6
	PDIP-8	Complementary	P	No	No		Inverter	-30	20	-6.6	-5.3	2.5	1.6	35	58			-2.4	920	122	18.5	4.5	7.7	20.2
AOP806	PDIP-8	Complementary	N	No	No		Inverter	60	20	7.9	6.3	3.1	2	25	30			3	1920	116	47.6	14.4	7.4	28.2
	PDIP-8	Complementary	P	No	No		Inverter	-60	20	-6.1	-4.9	3.1	2	42	52			-2.4	2417	120	45.2	9.6	9.8	44
AOP807	PDIP-8	Complementary	N	No	No		Inverter	60	20	4.7	3.8	2.5	1.6	56	77			3	450	25	8.5	2.2	5.1	15.9
	PDIP-8	Complementary	P	No	No		Inverter	-60	20	-3.4	-2.7	2.5	1.6	105	135			-3	930	35	16	3.2	8	31.5
AOP808	PDIP-8	Complementary	N	No	No		Inverter	40	20	6.3	5	2.5	1.6	33	46			3	404	37	9.2	2.5	4.3	15
	PDIP-8	Complementary	P	No	No		Inverter	-40	20	-5.5	-4.4	2.5	1.6	45	63			-3	657	63	14.2	4.1	7.7	26.5
AOP809	PDIP-8	Complementary	N	Yes	No		Inverter	60	20	4.7	3.8	2.5	1.6	60	75			3	474	60	1	1.4	5.4	17.2
	PDIP-8	Complementary	P	Yes	No		Inverter	-60	20	-3.5	-2.9	2.5	1.6	27	60			-3	897	36	1.4	1.7	9	35
AOP810	PDIP-8	Complementary	N	Yes	No		Inverter	30	20	7.7	6.1	2.5	1.4	24	42			3	543	76	11	1.9	4.7	16.2
	PDIP-8	Complementary	P	Yes	No		Inverter	-30	20	-6.2	-4.9	1.5	1.6	27	60			-3	1040	134	16.8	5	9	22.7
AOP800	PDIP-8	Dual	N	No	No		General Purpose	30	20	9.3	7.5	2.5	1.6	18	28			3	1040	110	19.2	4.2	5.2	17.3
AOP802	PDIP-8	Dual	N	No	No		General Purpose	60	20	7	5.6	2.5	1.6	25	30			3	1920	116	47.6	14.4	7.4	28.2
AOP804	PDIP-8	Dual	N	No	No		General Purpose	60	20	4.7	3.8	3.1	2	56	77			3	450	25	8.5	2.2	5.1	15.9
AOT400	TO-220	Single	N	No	No		SMPS Low Side	75	20	110	110	300	150	4.7				4	8390	450	167	45	29	90
AOT402	TO-220	Single	N	No	No		General Purpose	105	25	100	85	300	150	8.6				4	7.7	300	182	44	30.5	66
AOT404	TO-220	Single	N	No	No		General Purpose	105	25	40	28	100	50	28				4	2038	85	38.5	13.4	12.7	31.5
AOT424	TO-220	Single	N	No	No		SMPS Low Side	30	20	110	88	100	50	4	5.5			3	3200	414	59.6	19.8	12.5	40
AOT426	TO-220	Single	N	No	No		SMPS Low Side	30	20	85	62.5	75	37.5	6	11			2.5	2342	320	70	18.5	9	30.7
AOT428	TO-220	Single	N	No	No		General Purpose	75	30	80	57	115	58	11				4.5	3790	222	65	23.5	21	28
AQU400	TO-251	Single	N	No	No		General Purpose	60	20	38	27	60	30	20	25			3	1920	116	47.6	14.4	7.4	28.2
AQU401	TO-251	Single	P	No	No		General Purpose	-60	20	-26	-18	60	121030	40	55			-2.4	2977	153	44	10	12	38
AQU402	TO-251	Single	N	No	No		General Purpose	60	20	12	12	60	30	60	85			3	385	20	7.5	1.9	4.2	16
AQU403	TO-251	Single	P	No	No		General Purpose	-60	20	-12	-10	50	25	115	150			-3	987	46	15.8	3.5	9	25
AQU404	TO-251	Single	N	No	No		General Purpose	75	25	10	10	20	10	140	165			3	293	20	5.2	1.34	4.6	14.7
AQU405	TO-251	Single	P	No	No		General Purpose	-30	20	-18	-18	60	30	34	60			-2.4	920	122	18.7	5.4	9	20
AQU408	TO-220	Single	N	No	No		General Purpose	105	25	40	28	100	50	28				4	2038	85	38.5	10	12.7	31.5
AQU412	TO-251	Single	N	No	No		SMPS High Side	30	20	85	65	100	50	7.5	11			2.5	1320	154	13.3	6.6	7.2	22
AQU413	TO-251	Single	P	No	No		General Purpose	-40	20	-12	-12	50	25	45	69			-3	657	63	14.1	4.1	8	24
AQU414	TO-251	Single	N	No	No		SMPS Low Side	30	20	85	73	100	50	5.7	7.5			2.4	6060	355	46.4	15.6	15.7	55.5
AQU417	TO-251	Single	P	No	No		Inverter	-30	20	-18	-18	50	25	22	40			-2.7	1573	211	29.3	7	11.7	42
AQU436	TO-251	Single	N	No	No		SMPS High Side	30	20	57	40	50		8.5	14			3	1520	214	16.2	9.6	7	24.2
AQU438	TO-251	Single	N	No	No		SMPS Low Side	30	20	85	63	100	50	4.5	6.5			3	3200	414	33	17.6	12	40
AQU452	TO-251	Single	N	No	No		General Purpose	25	20	55	40	50	25	9	15			3	1230	190	13.5	7.75	6.5	22.7
AQU454	TO-251	Single	N	No	No		General Purpose	40	20	12	12	20	10	33	47			3	404	37	9.3	2.6	3.5	13.2
AQU456	TO-251	Single	N	No	No		General Purpose	25	20	50	50	50	25	7	10			3	2220	275	38	8.2	7.5	30
AQU460	TO-251	Single	N	No	No		SMPS All	25	20	25	25	30	15	14	24			2.5	830	127	15.3	4.3	8	30