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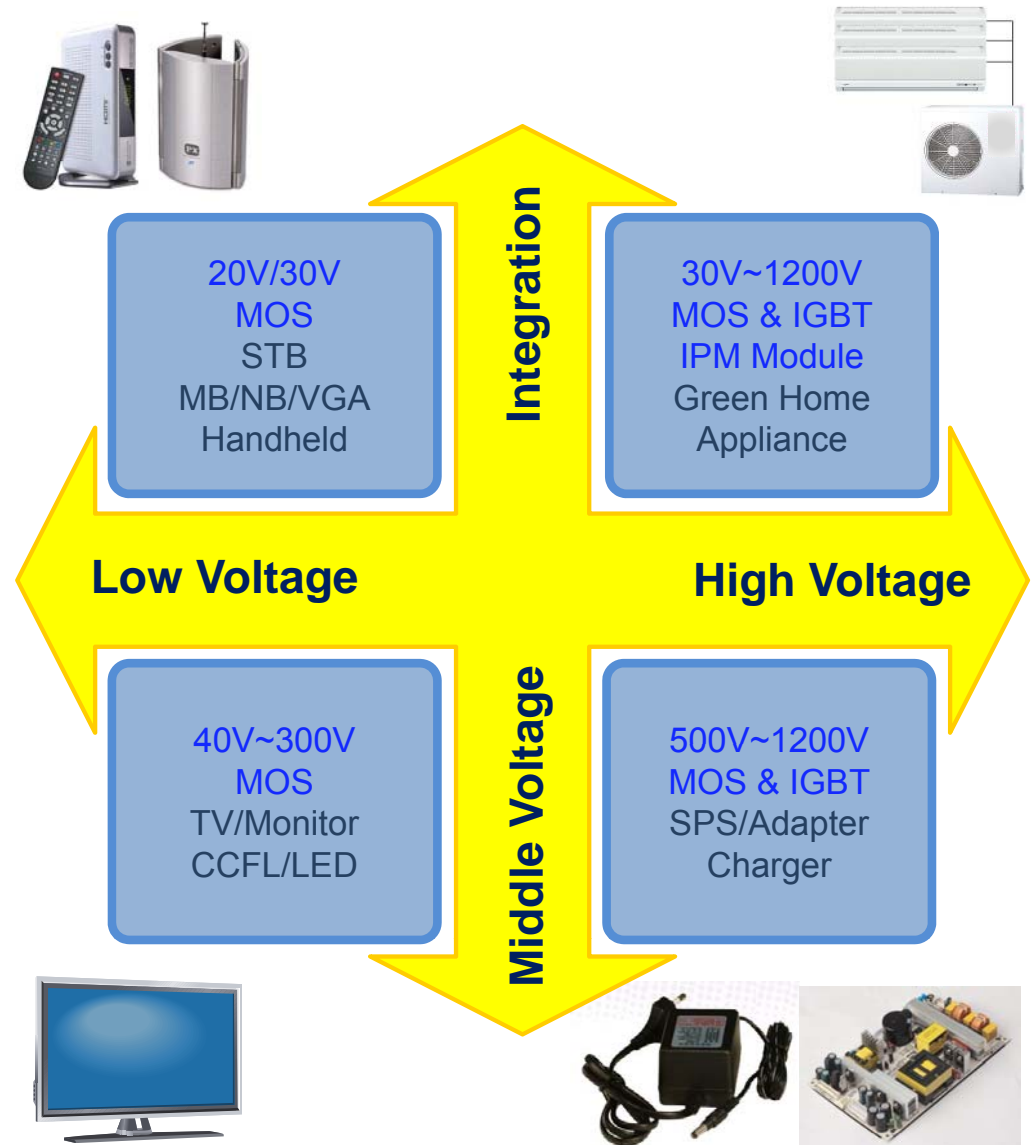
MOSFET Catalog 2011



UBIQ Company Profile

- UBIQ, founded in 2008, is committed to be the best in design and development of MOSFETs to provide not only manufacturing reliability but innovative solutions. Our vision is to offer customers the power management solutions of superior quality, performance, applications and competitive ability. We offer the excellent wafer processing and packaging know-how at strategic foundries to process the design and manufacture of power MOSFETs.
- Strategic Supply
Our alliance with 8" foundry Maxchip Electronics, located in Hsinchu Science Park, Taiwan, provides true partnership preferential access to their advanced high/low voltage DMOS process as well as guaranteed wafer supply. This provides UBIQ all the benefits of being "fables" while at the same time having a "fab like" guaranteed supply chain.
- Quality & Reliability
Certified ISO9001 for design processing and ISO9001, ISO14001, TS16949, and Sony Green Partner for Fab and Assy.
- Major Customer
 - KOREA
 - LG Electronics, Hyundai Mobis, Inkel
 - TAIWAN
 - Quanta, Innolux, MSI

Product Coverage



MOSFET N Channel 12V ~ 20V

Part Number	Package	Configuration	Type	V _{DS} (V)	V _{GS} (V)	V _{th} max. (V)	R _{DS(ON)} (mΩ) max. at V _{GS} =				C _{iss} (pF)	C _{oss} (pF)	Cr _{ss} (pF)	Q _g (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D (A)				EAS (mJ)	P _D (W)		ESD Diode	Schottky Diode
							10V	4.5V	2.5V	1.8V							Tc=25	Tc=100	Ta=25	Ta=70		Tc=25	Ta=25		
QM2420K	SOT23	Single	N	20	±8	1.0	---	85	115	160	203	42	28.3	3.41	0.35	1.37	3.5	2.7	---	---	---	1.56	---	X	X
QM2416K	SOT23	Single	N	20	±8	1.0	---	48	55	65	382	41	33	5.75	0.51	1.23	4.5	3.4	---	---	---	1.56	---	X	X
QM2404K	SOT23	Single	N	20	±8	1.0	---	28	34	42	952	90	79	12.18	0.934	3.27	6	4	---	---	---	1.56	---	X	X
QM2414K	SOT23	Single	N	20	±12	1.0	---	50	65	---	296	44	35	4.78	0.52	1.85	4.5	3.5	---	---	---	1.56	---	X	X
QM2410K	SOT23	Single	N	20	±12	1.2	---	32	40	---	635	70	63	7.96	0.84	2.45	6	4	---	---	---	1.56	---	X	X
QM2402K	SOT23	Single	N	20	±12	1.2	---	28	38	---	890	265	220	11.76	1.25	3.69	6	4	---	---	---	1.56	---	X	X
QM2416C1	SOT363	Single	N	20	±8	1.0	---	65	75	90	382	41	33	5.75	0.51	1.23	3.8	3	---	---	---	1.56	---	X	X
QM2404C1	SOT363	Single	N	20	±8	1.0	---	33	40	50	952	90	79	12.18	0.934	3.27	5	3	---	---	---	1.56	---	X	X
QM2402C1	SOT363	Single	N	20	±12	1.2	---	30	40	---	865	86	72	11.8	1.3	3.7	---	---	4.6	3.7	---	---	1	X	X
QM2416J	SOT89	Single	N	20	±8	1.0	---	48	55	65	382	41	33	5.75	0.51	1.23	5.7	4.5	---	---	---	2.6	---	X	X
QM2404J	SOT89	Single	N	20	±8	1.0	---	28	34	42	952	90	79	12.2	0.93	3.3	9.8	6.2	5.8	4.7	---	4.2	1.5	X	X
QM2410J	SOT89	Single	N	20	±12	1.2	---	32	40	---	635	70	63	7.96	0.84	2.45	6	4	---	---	---	3.47	---	X	X
QM2402J	SOT89	Single	N	20	±12	1.2	---	25	33	---	890	265	220	11.76	1.25	3.69	6	4	---	---	---	3.47	---	X	X
QM2404V	TSOP6	Single	N	20	±8	1.0	---	28	34	42	952	90	79	12.18	0.934	3.27	6	4	---	---	---	1.8	---	X	X
QM2414V	TSOP6	Single	N	20	±12	1.0	---	50	65	---	296	44	35	4.78	0.52	1.85	4.7	3.7	---	---	---	1.8	---	X	X
QM2402V	TSOP6	Single	N	20	±12	1.2	---	28	38	---	890	265	220	11.76	1.25	3.69	6	4	---	---	---	1.56	---	X	X
QM2404D	TO252	Single	N	20	±8	1.0	---	20	25	31	952	90	79	12.2	0.93	3.3	28	18	8	6	---	25	2	X	X
QM2410D	TO252	Single	N	20	±12	1.2	---	25	34	---	635	70	63	7.96	0.84	2.45	22	18	---	---	---	21	---	X	X
QM2710D	TO252	Single	N	20	±16	1.2	---	28	38	---	574	68.7	61	7.88	0.8	2.4	22	17	---	---	---	21	---	X	X
QM2504W	TSSOP8	Dual	N	20	±8	1.0	---	22	28	44	947	82	73	12.18	0.934	3.27	7	4.5	---	---	---	1.8	---	X	X
QM2502W	TSSOP8	Dual	N	20	±12	1.2	---	22	28	---	890	265	220	11.76	1.25	3.69	7	4.5	---	---	---	1.8	---	X	X

MOSFET N Channel 21V ~ 30V

Part Number	Package	Configuration	Type	V _{DS} (V)	V _{GS} (V)	V _{th} max. (V)	R _{DS(ON)} (mΩ) max. at V _{GS} =				C _{iss} (pF)	C _{oss} (pF)	C _{rss} (pF)	Q _g (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D (A)				EAS (mJ)	P _D (W)		ESD Diode	Schottky Diode
							10V	4.5V	2.5V	1.8V							T _c =25	T _c =100	T _a =25	T _a =70		T _c =25	T _a =25		
QM3404K	SOT23	Single	N	30	±12	1.2	---	40	47	---	662	51.3	43.6	8.22	0.84	2.02	5	3.8	---	---	---	1.56	---	X	X
QM3010K	SOT23	Single	N	30	±20	2.5	55	75	---	---	220	38	32	2.75	0.67	1.52	4.5	3.4	---	---	---	1.56	---	X	X
QM3008K	SOT23	Single	N	30	±20	2.5	33	50	---	---	416	62	51	5	1.11	2.61	5	3	---	---	---	1.56	---	X	X
QM3002K	SOT23	Single	N	30	±20	2.5	28	40	---	---	572	81	65	7.2	1.4	2.2	6	5	---	---	---	1.56	---	X	X
QM3002V	TSOP6	Single	N	30	±20	2.5	28	40	---	---	572	81	65	7.2	1.4	2.2	6	5	---	---	---	1.79	---	X	X
QM3014V	TSOP6	Single	N	30	±20	2.5	28	32	---	---	896	126	108	9.82	2.24	5.54	6.5	5	---	---	---	1.8	---	X	X
QM3002J	SOT89	Single	N	30	±20	2.5	28	40	---	---	550	68	55	7.2	1.4	2.2	6	4	---	---	---	3.4	---	X	X
QM3002G	SOT223	Single	N	30	±20	2.5	28	40	---	---	572	81	65	7.2	1.4	2.2	6	4	---	---	---	4.2	---	X	X
QM3002N3	DFN3*3	Single	N	30	±20	2.5	18	30	---	---	572	81	65	7.2	1.4	2.2	28	18	---	---	72	20	---	X	X
QM3014N3	DFN3*3	Single	N	30	±20	2.5	12	18	---	---	896	126	108	9.82	2.24	5.54	37	28	---	---	53	26	---	X	X
QM3004N3	DFN3*3	Single	N	30	±20	2.5	9	15	---	---	1411	176	142	12.8	3.3	6.5	46	29	---	---	130	28	---	X	X
QM3006N3	DFN3*3	Single	N	30	±20	2.5	7	10	---	---	2361	315	237	20.8	5.3	10.5	60	39	---	---	252	37	---	X	X
QM3016N3	DFN3*3	Single	N	30	±20	2.5	4	6	---	---	3075	400	315	31.6	6.07	13.8	80	62	---	---	317	43.4	---	X	X
QM3002M3	PRPAK3*3	Single	N	30	±20	2.5	18	30	---	---	572	81	65	7.2	1.4	2.2	28	18	---	---	72	20	---	X	X
QM3014M3	PRPAK3*3	Single	N	30	±20	2.5	12	18	---	---	896	126	108	9.82	2.24	5.54	37	28	---	---	53	26	---	X	X
QM3004M3	PRPAK3*3	Single	N	30	±20	2.5	9	15	---	---	1411	176	142	12.8	3.3	6.5	46	29	---	---	130	28	---	X	X
QM3006M3	PRPAK3*3	Single	N	30	±20	2.5	7	10	---	---	2361	315	237	20.8	5.3	10.5	60	39	---	---	252	37	---	X	X
QM3016M3	PRPAK3*3	Single	N	30	±20	2.5	4	6	---	---	3075	400	315	31.6	6.07	13.8	80	62	---	---	317	43.4	---	X	X
QM3008S	SOP8	Single	N	30	±20	2.5	25	38	---	---	416	62	51	5	1.11	2.61	7.5	5.8	---	---	26.6	2.08	---	X	X
QM3002S	SOP8	Single	N	30	±20	2.5	18	28	---	---	572	81	65	7.2	1.4	2.2	10	6	---	---	72	2.5	---	X	X
QM3014S	SOP8	Single	N	30	±20	2.5	12	18	---	---	896	126	108	9.82	2.24	5.54	13	10	---	---	53	3.1	---	X	X
QM3004S	SOP8	Single	N	30	±20	2.5	9	14	---	---	1411	176	142	12.8	3.3	6.5	14	10	---	---	138	3.5	---	X	X
QM3006S	SOP8	Single	N	30	±20	2.5	6	9	---	---	2361	315	237	20.8	5.3	10.5	18	14	---	---	231	4.5	---	X	X

MOSFET N Channel 21V ~ 30V

Part Number	Package	Configuration	Type	V _{DS} (V)	V _{GS} (V)	V _{th} max. (V)	R _{DS(ON)} (mΩ) max. at V _{GS} =				C _{iss} (pF)	C _{oss} (pF)	Cr _{ss} (pF)	Q _g (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D (A)				EAS (mJ)	P _D (W)		ESD Diode	Schottky Diode
							10V	4.5V	2.5V	1.8V							Tc=25	Tc=100	Ta=25	Ta=70		Tc=25	Ta=25		
QM3016S	SOP8	Single	N	30	±20	2.5	4	6	---	---	3075	400	315	31.6	6.07	13.8	---	---	15	12	317	---	1.5	X	X
QM3018S	SOP8	Single	N	30	±20	2.5	3	4	---	---	5935	725	538	57	13.8	23.5	---	---	18	14	378	---	1.5	X	X
QM3014N6	DFN5*6	Single	N	30	±20	2.5	12	18	---	---	896	126	108	9.82	2.24	5.54	50	38	11	---	53	41.7	---	X	X
QM3004N6	DFN5*6	Single	N	30	±20	2.5	8.5	14	---	---	1411	176	142	12.8	3.3	6.5	58	38	13	---	130	46	---	X	X
QM3006N6	DFN5*6	Single	N	30	±20	2.5	5.5	9	---	---	2361	315	237	20.8	5.3	10.5	81	51	16	---	252	59	---	X	X
QM3016N6	DFN5*6	Single	N	30	±20	2.5	4	6	---	---	3075	400	315	31.6	6.07	13.8	108	68	18	---	317	69	---	X	X
QM3018N6	DFN5*6	Single	N	30	±20	2.5	3	4	---	---	5935	725	538	56.9	13.8	23.5	163	100	21	17	378	119	2	X	X
QM3014M6	PRPAK5*6	Single	N	30	±20	2.5	12	18	---	---	896	126	108	9.82	2.24	5.54	50	38	---	---	53	41.7	---	X	X
QM3004M6	PRPAK5*6	Single	N	30	±20	2.5	8.5	14	---	---	1411	176	142	12.8	3.3	6.5	58	38	---	---	130	41	---	X	X
QM3006M6	PRPAK5*6	Single	N	30	±20	2.5	5.5	9	---	---	2361	315	237	20.8	5.3	10.5	81	51	---	---	252	59	---	X	X
QM3016M6	PRPAK5*6	Single	N	30	±20	2.5	4	6	---	---	3075	400	315	31.6	6.07	13.8	108	68	---	---	317	69	---	X	X
QM3018M6	PRPAK5*6	Single	N	30	±20	2.5	3	4	---	---	5935	725	538	56.9	13.8	23.5	163	126	---	---	378	119	---	X	X
QM3010U	TO251	Single	N	30	±20	2.5	45	70	---	---	220	38	32	2.75	0.67	1.52	15	11.7	---	---	7	15.6	---	X	X
QM3002U	TO251	Single	N	30	±20	2.5	18	30	---	---	550	68	55	7.2	1.4	2.2	30	18	---	---	72	25	---	X	X
QM3004U	TO251	Single	N	30	±20	2.5	8.5	14	---	---	1411	176	142	12.8	3.3	6.5	55	38	---	---	130	41	---	X	X
QM3006U	TO251	Single	N	30	±20	2.5	5.5	9	---	---	2325	237	190	20.8	5.3	10.5	78	55	---	---	252	53	---	X	X
QM3016U	TO251	Single	N	30	±20	2.5	4	6	---	---	3075	400	315	31.6	6.07	13.8	93	59	---	---	317	62.5	---	X	X
QM3010D	TO252	Single	N	30	±20	2.5	45	70	---	---	220	38	32	2.75	0.67	1.52	15	11.7	---	---	7	15.6	---	X	X
QM3008D	TO252	Single	N	30	±20	2.5	25	38	---	---	416	62	51	5	1.11	2.61	24	15	---	---	26.6	20.8	---	X	X
QM3002D	TO252	Single	N	30	±20	2.5	18	30	---	---	550	68	55	7.2	1.4	2.2	30	18	---	---	72	25	---	X	X
QM3014D	TO252	Single	N	30	±20	2.5	12	18	---	---	896	126	108	9.82	2.24	5.54	45	32	---	---	53	37.5	---	X	X
QM3004D	TO252	Single	N	30	±20	2.5	8.5	14	---	---	1411	176	142	12.8	3.3	6.5	55	38	---	---	130	41	---	X	X
QM3006D	TO252	Single	N	30	±20	2.5	5.5	9	---	---	2361	315	237	20.8	5.3	10.5	78	55	---	---	252	53	---	X	X

MOSFET N Channel 21V ~ 30V

Part Number	Package	Configuration	Type	V _{DS} (V)	V _{GS} (V)	V _{th} max. (V)	R _{DS(ON)} (mΩ) max. at V _{GS} =				C _{iss} (pF)	C _{oss} (pF)	Cr _{ss} (pF)	Q _g (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D (A)				EAS (mJ)	P _D (W)		ESD Diode	Schottky Diode
							10V	4.5V	2.5V	1.8V							T _c =25	T _c =100	T _a =25	T _a =70		T _c =25	T _a =25		
QM3016D	TO252	Single	N	30	±20	2.5	4	6	---	---	3075	400	315	31.6	6.07	13.8	93	59	---	---	317	62.5	---	X	X
QM3018D	TO252	Single	N	30	±20	2.5	3	4	---	---	5935	725	538	56.9	13.8	23.5	155	110	---	---	378	89.3	---	X	X
QM3010B	TO263	Single	N	30	±20	2.5	45	70	---	---	213	33.7	27.8	2.75	0.67	1.52	19	12	---	---	---	26	---	X	X
QM3006B	TO263	Single	N	30	±20	2.5	6	9	---	---	2361	315	237	20.8	5.3	10.5	90	58	15	---	252	74	2	X	X
QM3002P	TO220	Single	N	30	±20	2.5	18	30	---	---	550	68	55	7.2	1.4	2.2	40	25	---	---	72	41	---	X	X
QM3014P	TO220	Single	N	30	±20	2.5	12	18	---	---	896	126	108	9.82	2.24	5.54	53	40	---	---	53	52.1	---	X	X
QM3006P	TO220	Single	N	30	±20	2.5	6	9	---	---	2361	315	237	20.8	5.3	10.5	102	72	---	---	252	89	---	X	X
QM3016P	TO220	Single	N	30	±20	2.5	4	6	---	---	3075	400	315	31.6	6.07	13.8	120	76	---	---	317	86.8	---	X	X
QM3018P	TO220	Single	N	30	±20	2.5	3	4	---	---	5935	725	538	56.9	13.8	23.5	182	140	---	---	378	149	---	X	X
QM3020P	TO220	Single	N	30	±20	2.5	1.8	2	---	---	40895	3038	1806	258.6	66.5	93.4	290	224	---	---	850	260	---	X	X
QM3002F	TO220F	Single	N	30	±20	2.5	18	30	---	---	550	68	55	7.2	1.4	2.2	25	16	---	---	72	17	---	X	X
QM3202M3	PRPAK3*3	Dual	N	30	±20	2.5	18	30	---	---	572	81	65	7.2	1.4	2.2	28	18	---	---	72	20	---	X	X
QM3202S	SOP8	Dual	N	30	±20	2.5	18	28	---	---	572	81	65	7.2	1.4	2.2	10	6	---	---	72	2.5	---	X	X
QM3214S	SOP8	Dual	N	30	±20	2.5	12	18	---	---	896	126	108	9.82	2.24	5.54	13	10	---	---	53	3.1	---	X	X
QM3206S	SOP8	Dual	N	30	±20	2.5	6	10	---	---	2335	237	190	20.8	5.3	10.5	18	14	---	---	231	4.5	---	X	X

MOSFET N Channel 31V ~ 100V

Part Number	Package	Configuration	Type	V _{DS} (V)	V _{GS} (V)	V _{th} max. (V)	R _{DS(ON)} (mΩ) max. at V _{GS} =				C _{iss} (pF)	C _{oss} (pF)	C _{rss} (pF)	Q _g (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _b (A)				EAS (mJ)	P _d (W)		ESD Diode	Schottky Diode
							10V	4.5V	2.5V	1.8V							T _c =25	T _c =100	T _a =25	T _a =70		T _c =25	T _a =25		
QM4002S	SOP8	Single	N	40	±20	2.5	26	35	---	---	593	76	56	5.5	1.25	2.5	7.2	5.6	---	---	28	2.5	---	X	X
QM4014S	SOP8	Single	N	40	±20	2.5	17	22	---	---	1013	107	76	9.1	2.1	4.1	10	8	---	---	55	3.1	---	X	X
QM4004S	SOP8	Single	N	40	±20	2.5	12	17	---	---	1314	150	88	10.7	3.3	4.2	13	10	---	---	69	3.47	---	X	X
QM4006N6	DFN5*6	Single	N	40	±20	2.5	8.5	12	---	---	2332	193	138	18.8	4.7	8.2	65	50	12	---	166	60	---	X	X
QM4006M6	PRPAK5*6	Single	N	40	±20	2.5	8.5	12	---	---	2332	193	138	18.8	4.7	8.2	65	50	---	---	166	60	---	X	X
QM4002D	TO252	Single	N	40	±20	2.5	26	35	---	---	593	76	56	5.5	1.25	2.5	23	18	---	---	28	25	---	X	X
QM4014D	TO252	Single	N	40	±20	2.5	17	22	---	---	1013	107	76	9.1	2.1	4.1	32	25	---	---	55	31.3	---	X	X
QM4004D	TO252	Single	N	40	±20	2.5	11.5	16.5	---	---	1314	120	88	10.7	3.3	4.2	42	32	---	---	69	34.7	---	X	X
QM4006D	TO252	Single	N	40	±20	2.5	7.5	10	---	---	2332	193	138	18.8	4.7	8.2	60	45	---	---	166	44.6	---	X	X
QM4016D	TO252	Single	N	40	±20	2.5	6.5	9	---	---	3354	275	204	28	7.85	12.5	75	58	---	---	190	52.1	---	X	X
QM6008G	SOT223	Single	N	60	±20	2.5	100	110	---	---	511	38	25	3.99	1.31	1.78	4	3	---	---	---	2.6	---	X	X
QM6008K	SOT23	Single	N	60	±20	2.5	100	110	---	---	511	38	25	3.99	1.31	1.78	3	2.3	---	---	---	1.56	---	X	X
QM6008S	SOP8	Single	N	60	±20	2.5	90	100	---	---	511	38	25	3.99	1.31	1.78	3.5	2.7	---	---	10.73	2.1	---	X	X
QM6014S	SOP8	Single	N	60	±20	2.5	40	50	---	---	1027	65	46	8.2	2.1	3.2	6	3.6	---	---	30	3.1	---	X	X
QM6004S	SOP8	Single	N	60	±20	2.5	30	38	---	---	1345	72.5	54.4	12.56	3.24	6.31	8	6	---	---	34.5	3.5	---	X	X
QM6006S	SOP8	Single	N	60	±20	2.5	18	20	---	---	2423	145	97	17.6	5.35	6.81	11	8.5	---	---	67	4.5	---	X	X
QM6016S	SOP8	Single	N	60	±20	2.5	12	15	---	---	3240	210	146	23.9	6.86	10.1	15	12	---	---	123	5.2	---	X	X
QM6006N6	DFN5*6	Single	N	60	±20	2.5	18	20	---	---	2423	145	97	17.6	5.35	6.81	40	31	8	---	67	59	---	X	X
QM6006M6	PRPAK5*6	Single	N	60	±20	2.5	18	20	---	---	2423	145	97	17.6	5.35	6.81	40	31	---	---	67	59	---	X	X
QM6008U	TO251	Single	N	60	±20	2.5	90	100	---	---	511	38	25	3.99	1.31	1.78	10	6	---	---	10.73	20.8	---	X	X
QM6008D	TO252	Single	N	60	±20	2.5	90	100	---	---	511	38	25	3.99	1.31	1.78	10	6	---	---	10.73	20.8	---	X	X
QM6014D	TO252	Single	N	60	±20	2.5	40	50	---	---	1027	65	46	8.2	2.1	3.2	20	15	---	---	30	31.3	---	X	X
QM6004D	TO252	Single	N	60	±20	2.5	30	38	---	---	1345	72.5	54.4	12.56	3.24	6.31	25	18	---	---	34.5	34.7	---	X	X

MOSFET N Channel 31V ~ 100V

Part Number	Package	Configuration	Type	V _{DS} (V)	V _{GS} (V)	V _{th} max. (V)	R _{DS(ON)} (mΩ) max. at V _{GS} =				C _{iss} (pF)	C _{oss} (pF)	Cr _{ss} (pF)	Q _g (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D (A)				EAS (mJ)	P _D (W)		ESD Diode	Schottky Diode
							10V	4.5V	2.5V	1.8V							T _c =25	T _c =100	T _a =25	T _a =70		T _c =25	T _a =25		
QM6006D	TO252	Single	N	60	±20	2.5	18	20	---	---	2423	145	97	17.6	5.35	6.81	38	30	---	---	67	45	---	X	X
QM6016D	TO252	Single	N	60	±20	2.5	12	15	---	---	3240	210	146	23.9	6.86	10.1	50	38	---	---	123	52.1	---	X	X
QM6006B	TO263	Single	N	60	±20	2.5	18	20	---	---	2423	145	97	17.6	5.35	6.81	48	38	---	---	100	74	---	X	X
QM6014P	TO220	Single	N	60	±20	2.5	40	50	---	---	1027	65	46	8.2	2.1	3.2	26	20	---	---	30	52.1	---	X	X
QM6004P	TO220	Single	N	60	±20	2.5	30	38	---	---	1378	90	66	12.56	3.24	6.31	35	26	---	---	34.5	58	---	X	X
QM6006P	TO220	Single	N	60	±20	2.5	18	20	---	---	2423	145	97	17.6	5.35	6.81	48	38	---	---	67	74	---	X	X
QM6016P	TO220	Single	N	60	±20	2.5	12	15	---	---	3240	210	146	23.9	6.86	10.1	60	47	---	---	123	86.8	---	X	X
QM6020P	TO220	Single	N	60	±20	2.5	2.8	---	---	---	47614	2415	1630	508	72.5	59.5	242	187	---	---	560	260	---	X	X
QM7020P	TO220	Single	N	60	±20	2.5	3.8	---	---	---	46122	1387	1762	487	75.6	60.3	195	150	---	---	470	260	---	X	X
QM6004F	TO220F	Single	N	60	±20	2.5	30	38	---	---	1345	72.5	54.4	12.56	3.24	6.31	20	12	---	---	34.5	23	---	X	X
QM7018AD	TO252	Single	N	75	±20	4.0	11	---	---	---	7760	320	210	106	19.6	16.5	62	48	---	---	174	90	---	X	X
QM0014S	SOP8	Single	N	100	±20	2.5	152	158	---	---	1077	46	32	25.5	4.2	4.3	---	---	2	1.6	---	---	1.5	X	X
QM0004S	SOP8	Single	N	100	±20	2.5	105	110	---	---	1535	60	37.4	19.5	3.2	3.6	---	---	2.5	2	7.3	---	1.5	X	X
QM0008D	TO252	Single	N	100	±20	2.5	310	320	---	---	500	25.2	13.6	3.97	1.21	1.31	5.4	4.2	---	---	---	20.8	---	X	X
QM0016D	TO252	Single	N	100	±20	2.5	47	50	---	---	3848	137.3	82	55.5	7.52	6.95	22	16	---	---	43.3	52.1	---	X	X
QM0016P	TO220	Single	N	100	±20	2.5	47	50	---	---	3848	137.3	82	55.5	7.52	6.95	27	17	4.2	3.3	43.3	87	2	X	X
QM0020P	TO220	Single	N	100	±20	2.5	5.7	---	---	---	52559	1120	1322	506	73.5	51.6	163	126	---	---	438	260	---	X	X
QM6208S	SOP8	Dual	N	60	±20	2.5	90	100	---	---	511	38	25	3.99	1.31	1.78	3.5	2.7	---	---	10.73	2.1	---	X	X
QM6204S	SOP8	Dual	N	60	±20	2.5	32	38	---	---	1378	90	66	12.56	3.24	6.31	8	6	---	---	34.5	3.5	---	X	X
QM0204S	SOP8	Dual	N	100	±20	2.5	105	110	---	---	1353	60	37.4	19.5	3.2	3.6	---	---	2.5	2	7.3	---	1.5	X	X

MOSFET N Channel 401V ~ 1600V

Part Number	Package	Configuration	Type	V _{DS} (V)	V _{GS} (V)	V _{th} max. (V)	R _{DS(ON)} (mΩ) max. at V _{GS} =				C _{iss} (pF)	C _{oss} (pF)	Cr _{ss} (pF)	Q _g (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D (A)				EAS (mJ)	P _D (W)		ESD Diode	Schottky Diode
							10V	4.5V	2.5V	1.8V							Tc=25	Tc=100	Ta=25	Ta=70		Tc=25	Ta=25		
*QM01N65U	TO251	Single	N	650	±30	5.0	12000	---	---	---	175	20.7	5.7	5.9	1.3	3	1.2	0.9	---	---	3.3	40	---	X	X
QM02N65U	TO251	Single	N	650	±30	5.0	8000	---	---	---	290	25	4	5.3	1.44	1.42	2	1.3	---	---	16	40	---	X	X
*QM01N65D	TO252	Single	N	650	±30	5.0	12000	---	---	---	175	20.7	5.7	5.9	1.3	3	1.2	0.9	---	---	3.3	40	---	X	X
QM02N65D	TO252	Single	N	650	±30	5.0	8000	---	---	---	290	25	4	5.3	1.44	1.42	2	1.3	---	---	16	40	---	X	X
*QM03N65D	TO252	Single	N	650	±30	5.0	4000	---	---	---	490	38.5	4.6	10.5	2.5	3.8	3	1.9	---	---	26.2	30	---	X	X
QM12N65B	TO263	Single	N	650	±30	5.0	800	---	---	---	2402	128	5	38.1	8.2	12.1	12	7	---	---	90	104	---	X	X
QM02N65F	TO220F	Single	N	650	±30	5.0	8000	---	---	---	290	25	4	5.3	1.44	1.42	2	1.3	---	---	16	40	---	X	X
*QM03N65F	TO220F	Single	N	650	±30	5.0	4000	---	---	---	490	38.5	4.6	10.5	2.5	3.8	3	2.3	---	---	26.2	30	---	X	X
*QM04N65F	TO220F	Single	N	650	±30	5.0	2600	---	---	---	775	56	3.8	14.5	3.5	5.2	4	3.1	---	---	26.2	40	---	X	X
*QM06N65F	TO220F	Single	N	650	±30	5.0	1600	---	---	---	1162	76	3.6	21.3	5	6.5	6	4.7	---	---	26	30	---	X	X
*QM09N65F	TO220F	Single	N	650	±30	5.0	1100	---	---	---	1538	95	1.87	27.5	6.4	8.5	9	6.9	---	---	34	30	---	X	X
QM12N65F	TO220F	Single	N	650	±30	5.0	800	---	---	---	2402	128	5	38.1	8.2	12.1	12	7	---	---	90	40	---	X	X
*QM14N65F	TO220F	Single	N	650	±30	5.0	800	---	---	---	2402	128	5	38.1	8.2	12.1	14	10.8	---	---	65	30	---	X	X
QM02N70D	TO252	Single	N	700	±30	5.0	9000	---	---	---	290	25	4	5.3	1.44	1.42	2	1.2	---	---	16	40	---	X	X
QM12N70F	TO220F	Single	N	700	±30	5.0	850	---	---	---	1880	162	4.3	22.5	8.6	8.3	12	7	---	---	200	40	---	X	X

* Mass Production by 2011

MOSFET P Channel 12V ~ 20V

Part Number	Package	Configuration	Type	V _{DS} (V)	V _{GS} (V)	V _{th} max. (V)	R _{DS(ON)} (mΩ) max. at V _{GS} =				C _{iss} (pF)	C _{oss} (pF)	Cr _{ss} (pF)	Q _g (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D (A)				EAS (mJ)	P _D (W)		ESD Diode	Schottky Diode
							10V	4.5V	2.5V	1.8V							Tc=25	Tc=100	Ta=25	Ta=70		Tc=25	Ta=25		
QM2401C1	SOT363	Single	P	-20	±12	-1.2	---	65	85	---	853	265	210	12.6	1.4	5.9	-3	-2	---	---	---	1.56	---	X	X
QM2419K	SOT23	Single	P	-20	±8	-1.0	---	205	280	380	194	35.5	28.2	4.6	0.27	2.34	-2.3	-1.8	---	---	---	1.56	---	X	X
QM2415K	SOT23	Single	P	-20	±8	-1.0	---	125	170	220	332	48	42	5	1.11	2.61	-3	-2.3	---	---	---	1.56	---	X	X
QM2411K	SOT23	Single	P	-20	±8	-1.0	---	70	90	120	677	82	73	12.7	0.99	5.3	-3.3	-2.6	---	---	---	1.6	---	X	X
QM2403K	SOT23	Single	P	-20	±8	-1.0	---	55	70	85	938	108	96	20.1	4.4	7.4	-4	-2.6	---	---	---	1.6	---	X	X
QM2423K	SOT23	Single	P	-20	±8	-1.0	---	40	50	70	1220	165	145	25.8	1.42	9.39	-5.3	-4	---	---	---	1.56	---	X	X
QM2407K	SOT23	Single	P	-20	±8	-1.0	---	32	40	52	2280	220	187	30.8	2	9.59	-4.9	-3.8	---	---	---	1.6	---	X	X
QM2409K	SOT23	Single	P	-20	±12	-1.2	---	75	105	---	686	90.8	80.4	11.6	1.33	4.19	-3.8	-3	---	---	---	1.6	---	X	X
QM2401K	SOT23	Single	P	-20	±12	-1.2	---	60	90	---	853	265	210	12.6	1.4	5.9	-4	-2.6	---	---	---	1.6	---	X	X
QM2421K	SOT23	Single	P	-20	±12	-1.2	---	43	52	---	1440	165	145	21	2.5	6.9	---	---	-4	-3.2	---	---	1	X	X
QM2403V	TSOP6	Single	P	-20	±8	-1.0	---	55	70	85	938	108	96	20.1	4.4	7.4	-4.5	-3.5	---	---	---	1.8	---	X	X
QM2409V	TSOP6	Single	P	-20	±12	-1.2	---	75	105	---	686	90.8	80.4	11.6	1.33	4.19	-4.1	-3.2	---	---	---	1.8	---	X	X
QM2401V	TSOP6	Single	P	-20	±12	-1.2	---	60	90	---	849	252	200	12.6	1.4	5.9	-4	-2.6	---	---	---	1.8	---	X	X
QM2411J	SOT89	Single	P	-20	±8	-1.0	---	70	90	120	677	82	73	12.7	0.99	5.3	-5	-3.8	---	---	---	3.5	---	X	X
QM2403J	SOT89	Single	P	-20	±8	-1.0	---	55	70	85	938	108	96	20.1	4.4	7.4	-6	-4.7	---	---	---	4.2	---	X	X
QM2401J	SOT89	Single	P	-20	±12	-1.2	---	60	90	---	853	265	210	12.6	1.4	5.9	-4	-2.6	---	---	---	4.2	---	X	X
QM2415SN8	DFN3*2	Single	P	-20	±8	-1.0	---	130	170	220	343	46.7	38.4	6.77	0.55	2.94	-3.3	-2	---	---	---	1.79	---	X	●
QM2415SM8	PRPAK3*2	Single	P	-20	±8	-1.0	---	130	170	220	346	50	42	6.77	0.55	2.94	-3.3	-2	---	---	---	1.79	---	X	●
QM2401G	SOT223	Single	P	-20	±8	-1.2	---	60	90	---	853	265	210	12.6	1.4	5.9	---	---	-4.2	-3.3	---	---	1.5	X	X
QM2427S	SOP8	Single	P	-20	±8	-1.0	---	9	11.5	15	5783	509	431	76	902	24	-20	-12	---	---	---	5.2	---	X	X
QM2429S	SOP8	Single	P	-20	±8	-1.2	---	15	22	---	3710	360	318	46	6.2	12.6	---	---	-8.5	-6.8	---	---	1.5	X	X
QM2401D	TO252	Single	P	-20	±12	-1.2	---	52	85	---	853	265	210	12.6	1.4	5.9	-17	-10	---	---	---	25	---	X	X

MOSFET P Channel 21V ~ 30V

Part Number	Package	Configuration	Type	V _{DS} (V)	V _{GS} (V)	V _{th} max. (V)	R _{DS(ON)} (mΩ) max. at V _{GS} =				C _{iss} (pF)	C _{oss} (pF)	Cr _{ss} (pF)	Q _g (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D (A)				EAS (mJ)	P _D (W)		ESD Diode	Schottky Diode
							10V	4.5V	2.5V	1.8V							Tc=25	Tc=100	Ta=25	Ta=70		Tc=25	Ta=25		
QM3403K	SOT23	Single	P	-30	±12	-1.2	---	95	140	---	750	79	57	9.5	1.2	3.3	-3.3	-2.6	---	---	---	1.6	---	X	X
QM3009K	SOT23	Single	P	-30	±20	-2.5	135	230	---	---	203	42	34	3.3	0.88	1.55	-3	-2.2	---	---	---	1.56	---	X	X
QM3007K	SOT23	Single	P	-30	±20	-2.5	70	120	---	---	463	82	68	5.22	1.25	2.3	-4	-3	---	---	---	1.56	---	X	X
QM3001K	SOT23	Single	P	-30	±20	-2.5	60	90	---	---	645	272	105	6.4	2.7	3.1	-4	-2.6	---	---	---	1.6	---	X	X
QM3013K	SOT23	Single	P	-30	±20	-2.5	40	62	---	---	930	148	115	9.8	2.2	3.4	-5.2	-4	---	---	---	1.56	---	X	X
QM3001V	TSOP6	Single	P	-30	±20	-2.5	52	90	---	---	645	272	105	6.4	2.7	3.1	-4.5	-3	---	---	---	1.8	---	X	X
QM3001J	SOT89	Single	P	-30	±20	-2.5	52	90	---	---	655	290	115	6.4	2.7	3.1	-6	-4.4	---	---	---	4.2	---	X	X
QM3007J	SOT89	Single	P	-30	±20	-2.5	70	120	---	---	463	82	68	5.22	1.25	2.3	-6	-4.6	---	---	---	3.47	---	X	X
QM3001G	SOT223	Single	P	-30	±20	-2.5	52	90	---	---	655	290	115	6.4	2.7	3.1							1.5	X	X
QM3009S	SOP8	Single	P	-30	±20	-2.5	125	215	---	---	203	42	34	3.3	0.88	1.55	-3.5	-2.7	---	---	---	2.1	---	X	X
QM3007S	SOP8	Single	P	-30	±20	-2.5	62	100	---	---	463	82	68	5.22	1.25	2.3	-5	-3.8	---	---	37	2.08	---	X	X
QM3001S	SOP8	Single	P	-30	±20	-2.5	42	78	---	---	645	272	105	6.4	2.7	3.1	-6	-4	---	---	59	2.08	---	X	X
QM3003S	SOP8	Single	P	-30	±20	-2.5	20	32	---	---	1345	194	158	12.4	3.4	5.1	-11	-8.7	---	---	176	3.5	---	X	X
QM3005S	SOP8	Single	P	-30	±20	-2.5	15	25	---	---	2215	310	237	20	5.1	7.3	-15	-11	---	---	273	4.5	---	X	X
QM3015S	SOP8	Single	P	-30	±20	-2.5	8.5	15	---	---	3448	508	421	35.8	9.94	13.4	-18	-13.6	---	---	408	5.2	---	X	X
QM3013N6	DFN5*6	Single	P	-30	±20	-2.5	30	55	---	---	930	148	115	9.8	2.2	3.4	-31	-24	-7	---	110	41.7	---	X	X
QM3013M6	PRPAK5*6	Single	P	-30	±20	-2.5	30	55	---	---	930	148	115	9.8	2.2	3.4	-31	-24	-7	---	110	41.7	---	X	X
QM3001U	TO251	Single	P	-30	±20	-2.5	42	78	---	---	655	290	115	6.4	2.7	3.1	-18	-10	---	---	59	20.8	---	X	X
QM3001D	TO252	Single	P	-30	±20	-2.5	42	78	---	---	655	290	115	6.4	2.7	3.1	-18	-10	---	---	59	20.8	---	X	X
QM3003D	TO252	Single	P	-30	±20	-2.5	20	32	---	---	1345	194	158	12.4	3.4	5.1	-35	-27	---	---	176	34.7	---	X	X
QM3015D	TO252	Single	P	-30	±20	-2.5	8.5	15	---	---	3448	508	421	35.8	9.94	13.4	-64	-50	---	---	408	52.1	---	X	X
QM3005P	TO220	Single	P	-30	±20	-2.5	14	22	---	---	2215	310	237	20	5.1	7.3	-60	-46	---	---	273	74	---	X	X
QM3201S	SOP8	Dual	P	-30	±20	-2.5	45	82	---	---	645	272	105	6.4	2.7	3.1	-6	-4	---	---	59	2.08	---	X	X
QM3203S	SOP8	Dual	P	-30	±20	-2.5	22	35	---	---	1345	194	158	12.4	3.4	5.1	-11	-8.7	---	---	176	3.5	---	X	X

MOSFET P Channel 31V ~ 100V

Part Number	Package	Configuration	Type	V _{DS} (V)	V _{GS} (V)	V _{th} max. (V)	R _{DS(ON)} (mΩ) max. at V _{GS} =				C _{iss} (pF)	C _{oss} (pF)	Cr _{ss} (pF)	Q _g (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D (A)				EAS (mJ)	P _D (W)		ESD Diode	Schottky Diode
							10V	4.5V	2.5V	1.8V							Tc=25	Tc=100	Ta=25	Ta=70		Tc=25	Ta=25		
QM4001S	SOP8	Single	P	-40	±20	2.5	65	100	---	---	620	69	52	5.8	1.18	2.12	-6	-4	---	---	39	2.5	---	X	X
QM4013S	SOP8	Single	P	-40	±20	-2.5	40	70	---	---	1004	108	80	9	2.54	3.1	-7.5	-5.7	---	---	66	3.1	---	X	X
QM4003S	SOP8	Single	P	-40	±20	-2.5	32	46	---	---	1415	134	102	11.5	3.5	3.3	-8.6	-6.7	---	---	76	3.5	---	X	X
QM4001D	TO252	Single	P	-40	±20	-2.5	65	100	---	---	620	69	52	5.8	1.18	2.12	-16	-12	---	---	39	25	---	X	X
QM4013D	TO252	Single	P	-40	±20	-2.5	40	65	---	---	1004	108	80	9	2.54	3.1	-23	-18	---	---	66	31.3	---	X	X
QM4003D	TO252	Single	P	-40	±20	-2.5	32	46	---	---	1415	134	102	11.5	3.5	3.3	-27	-21	---	---	76	35	---	X	X
QM4015D	TO252	Single	P	-40	±20	-2.5	13	20	---	---	3497	323	222	27.9	7.7	7.5	-52	-40	---	---	262	52.1	---	X	X
QM6007K	SOT23	Single	P	-60	±20	-2.5	175	220	---	---	531	59	38	4.59	1.39	1.62	-2.2	-1.7	---	---	---	1.6	---	X	X
QM6007S	SOP8	Single	P	-60	±20	-2.5	170	215	---	---	531	59	38	4.59	1.39	1.62	-2.5	-2	---	---	17	2.1	---	X	X
QM6001S	SOP8	Single	P	-60	±20	-2.5	110	160	---	---	715	51	34	5.9	2.9	1.8	---	---	-3	-2.4	29	---	1.5	X	X
QM6003S	SOP8	Single	P	-60	±20	-2.5	60	85	---	---	1447	97.3	70	9.86	3.08	2.95	-5.7	-4.4	---	---	51.2	3.5	---	X	X
QM6015S	SOP8	Single	P	-60	±20	-2.5	25	33	---	---	3635	224	141	25	6.7	5.5	-11	-8.5	---	---	162	5.2	---	X	X
QM6007D	TO252	Single	P	-60	±20	-2.5	170	215	---	---	531	59	38	4.59	1.39	1.62	-8	-6	---	---	17	20.8	---	X	X
QM6001D	TO252	Single	P	-60	±20	-2.5	110	160	---	---	715	51	34	5.85	2.92	1.8	-11.5	-8.9	---	---	29	16	---	X	X
QM6015D	TO252	Single	P	-60	±20	-2.5	25	33	---	---	3635	224	141	25	6.7	5.5	-35	-27	---	---	162	52.1	---	X	X
QM6015B	TO263	Single	P	-60	±20	-2.5	25	33	---	---	3635	224	141	25	6.7	5.5	-45	-34	---	---	162	86.8	---	X	X
QM6013P	TO220	Single	P	-60	±20	-2.5	85	105	---	---	1080	73	50	11.8	1.84	6.49	-17	-11	-3.3	-2.6	44	52.1	2	X	X
QM6003F	TO220F	Single	P	-60	±20	-2.5	60	90	---	---	1447	97.3	70	9.86	3.08	2.95	-15	-9.3	---	---	51.2	23	---	X	X

MOSFET Complementary 12V ~ 30V

Part Number	Package	Configuration	Type	V _{DS} (V)	V _{GS} (V)	V _{th} max. (V)	R _{DS(ON)} (mΩ) max. at V _{GS} =				C _{iss} (pF)	C _{oss} (pF)	C _{rss} (pF)	Q _g (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D (A)				EAS (mJ)	P _D (W)		ESD Diode	Schottky Diode
							10V	4.5V	2.5V	1.8V							Tc=25	Tc=100	Ta=25	Ta=70		Tc=25	Ta=25		
QM2605V	TSOP6	Complementary	N	20	±8	1.0	---	48	55	65	382	41	33	5.75	0.51	1.23	---	---	4	3	---	---	1.1	X	X
			P	-20	±8	-1.0	---	125	170	220	332	48	42	7.3	0.45	3.62	---	---	-2.5	-2	---	---	1.1	X	X
QM2604V	TSOP6	Complementary	N	20	±12	1.0	---	50	65	---	296	44	35	4.78	0.52	1.85	---	---	4.7	3.7	---	---	1.8	X	X
			P	-20	±12	-1.0	---	135	200	---	332	48	42	7.3	0.45	3.62	---	---	-3	-2.4	---	---	1.8	X	X
QM2605S	SOP8	Complementary	N	20	±8	1.0	---	42	50	62	382	41	33	5.75	0.51	5.75	5.5	4.2	---	---	---	2.08	---	X	X
			P	-20	±8	-1.0	---	125	170	220	332	48	42	7.3	0.45	3.62	-3.4	-2.7	---	---	---	2.08	---	X	X
QM2602S	SOP8	Complementary	N	20	±8	1.0	---	16	22	32	952	90	79	12.2	0.93	3.3	---	---	7.7	6.2	---	---	1.5	X	X
			P	-20	±8	-1.0	---	50	65	88	938	108	96	20.1	4.4	7.4	---	---	-4.3	-3.4	---	---	1.5	X	X
QM2601S	SOP8	Complementary	N	20	±12	1.2	---	18	25	---	881	90.8	77.3	11.76	1.25	3.69	9	7.2	---	---	---	2.5	---	X	X
			P	-20	±12	-1.2	---	50	72	---	853	265	210	12.6	1.4	5.9	-4.9	-3.8	---	---	---	2.5	---	X	X
QM3802S	SOP8	Dual Asymmetric	N	30	±20	2.5	10	15	---	1400	145	116	12.8	3.3	6.5	14	10	---	---	138	3.5	---	X	X	
			P	30	±20	2.5	7	10	---	2335	237	190	20.8	5.3	10.5	18	14	---	---	231	4.5	---	X	X	
QM3801S	SOP8	Complementary	N	30	±20	2.5	27	40	---	416	62	51	5	1.11	2.61	7	5.5	---	---	26.6	2.1	---	X	X	
			P	-30	±20	-2.5	32	56	---	930	148	115	9.8	2.2	3.4	-6.7	-5.2	---	---	110	2.1	---	X	X	
QM3303S	SOP8	Complementary	N	30	±20	2.5	25	38	---	416	62	51	5	1.11	2.61	7.5	5.8	---	---	26.6	2.08	---	X	X	
			P	-30	±20	-2.5	62	100	---	463	82	68	5.22	1.25	2.3	-5	-3.8	---	---	37	2.08	---	X	X	
QM3301S	SOP8	Complementary	N	30	±20	2.5	20	30	---	550	68	55	7.2	1.4	2.2	10	6	---	---	72	2.5	---	X	X	
			P	-30	±20	-2.5	45	85	---	645	272	105	6.4	2.7	3.1	-6	-4	---	---	59	2.08	---	X	X	
QM3302S	SOP8	Complementary	N	30	±20	2.5	10.5	15	---	1411	176	142	12.8	3.3	6.5	---	---	9.5	7.6	138	---	1.5	X	X	
			P	-30	±20	-2.5	25	42	---	1345	194	158	12.4	3.4	5.1	---	---	-6.5	-5.2	176	---	1.5	X	X	
QM3801D	TO252-4L	Complementary	N	30	±20	2.5	25	38	---	416	62	51	5	1.11	2.61	24	18	---	---	26.6	20.8	---	X	X	
			P	-30	±20	-2.5	30	55	---	930	148	115	9.8	2.2	3.4	-22	-17	---	---	110	20.8	---	X	X	

MOSFET Complementary 31V ~ 100V

Part Number	Package	Configuration	Type	V _{DS} (V)	V _{GS} (V)	V _{th} max. (V)	R _{DS(ON)} (mΩ) max. at V _{GS} =				C _{iss} (pF)	C _{oss} (pF)	C _{rss} (pF)	Q _g (nC)	Q _{gs} (nC)	Q _{gd} (nC)	I _D (A)				EAS (mJ)	P _D (W)		ESD Diode	Schottky Diode
							10V	4.5V	2.5V	1.8V							T _c =25	T _c =100	T _a =25	T _a =70		T _c =25	T _a =25		
QM4301S	SOP8	Complementary	N	40	±20	2.5	26	35	---	---	593	76	56	5.5	1.25	2.5	7	5.5	---	---	28	2.5	---	X	X
			P	-40	±20	-2.5	65	100	---	---	620	69	52	5.8	1.18	2.12	-6	-4	---	---	39	2.5	---	X	X
QM4803S	SOP8	Complementary	N	40	±20	2.5	26	35	---	---	593	76	56	5.5	1.25	2.5	7.2	5.6	---	---	28	2.5	---	X	X
			P	-40	±20	-2.5	40	65	---	---	1004	108	80	9	2.54	3.1	-6.5	-5.1	---	---	66	3.1	---	X	X
QM4305S	SOP8	Complementary	N	40	±20	2.5	18	25	---	---	1013	107	76	9.1	2.1	4.1	10	8	---	---	55	3.1	---	X	X
			P	-40	±20	-2.5	70	65	---	---	1004	108	80	9	2.54	3.1	-7.5	-5.7	---	---	66	3.1	---	X	X
QM4302S	SOP8	Complementary	N	40	±20	2.5	15	20	---	---	1314	120	88	10.7	3.3	4.2	11.6	9	---	---	69	3.5	---	X	X
			P	-40	±20	-2.5	32	46	---	---	1415	134	102	11.5	3.5	3.3	-8.6	-6.7	---	---	76	3.5	---	X	X
QM4306S	SOP8	Complementary	N	40	±20	2.5	10	11.5	---	---	3354	275	204	28	7.85	12.5	19	14.7	---	---	190	---	---	X	X
			P	-40	±20	-2.5	17	23	---	---	3497	323	222	27.9	7.7	7.5	-14.3	-11	---	---	262	---	---	X	X
QM6301S	SOP8	Complementary	N	60	±20	2.5	30	38	---	---	1378	86	64	12.56	3.24	6.31	8	6	---	---	34.5	3.5	---	X	X
			P	-60	±20	-2.5	60	85	---	---	1447	97.3	70	9.86	3.08	2.95	-5.7	-4.4	---	---	51.2	3.5	---	X	X
QM3801D	TO252-4L	Complementary	N	30	±20	2.5	25	38	---	---	416	62	51	5	1.11	2.61	24	18	---	---	26.6	20.8	---	X	X
			P	-30	±20	-2.5	30	55	---	---	930	148	115	9.8	2.2	3.4	-22	-17	---	---	110	20.8	---	X	X
QM4301D	TO252-4L	Complementary	N	40	±20	2.5	26	35	---	---	593	76	56	5.5	1.25	2.5	23	18	---	---	28	25	---	X	X
			P	-40	±20	-2.5	65	100	---	---	620	69	52	5.8	1.18	2.12	-16	-12	---	---	39	25	---	X	X
QM4803D	TO252-4L	Complementary	N	40	±20	2.5	26	35	---	---	593	76	56	5.5	1.25	2.5	23	18	---	---	28	25	---	X	X
			P	-40	±20	-2.5	40	65	---	---	1004	108	80	9	2.54	3.1	-20	-16	---	---	66	31.3	---	X	X
QM4305D	TO252-4L	Complementary	N	40	±20	2.5	17	22	---	---	1013	107	76	9.1	2.1	4.1	32	25	---	---	55	31.3	---	X	X
			P	-40	±20	-2.5	40	65	---	---	1004	108	80	9	2.54	3.1	-23	-18	---	---	66	31.3	---	X	X
QM4302D	TO252-4L	Complementary	N	40	±20	2.5	13.5	18.5	---	---	1314	120	88	10.7	3.3	4.2	39	30	---	---	69	35	---	X	X
			P	-40	±20	-2.5	32	46	---	---	1415	134	102	11.5	3.5	3.3	-27	-21	---	---	76	35	---	X	X
QM4306D	TO252-4L	Complementary	N	40	±20	2.5	8.5	10	---	---	3354	275	204	28	7.85	12.5	65	50	---	---	190	52.1	---	X	X
			P	-40	±20	-2.5	15	21	---	---	3497	323	222	27.9	7.7	7.5	-48	-37	---	---	262	52.1	---	X	X

Comparison Table

Vendor	Vendor P/N	UBIQ P/N	Application
ANACHIP	AF2301P	QM2415K	STB
	AF2301P	QM2411K	CAR STREO
AOS	AO4437	QM2429S	NETBOOK PC
	AO4468	QM3302S	NETBOOK PC
	AO4468	QM3014S	WALKIETALKIE
	AO4619	QM3301S	NETBOOK PC
	AO4807	QM3203S	NETBOOK PC
	AON6428L	QM3004M6	NETBOOK
	AON6704L	QM3018M6	NETBOOK
	AON7212	QM3016M3	NETBOOK
	AON7402	QM3004M3	NETBOOK
	AON7410	QM3002M3	NETBOOK
APEC	AP20T03GH	QM3010D	DVR
	AP4525	QM4305D	SMPS
	AP70T03GS	QM3004B	DVR
BCD	AZ432AZTR-E1	QM6004P	SMPS
CET	CEP04N70P	QM04N70P	SMPS
DIODES	DMG3415U-7	QM2423K	HI-PASS
FSC	FDB6030L	QM3014B	DVR
	FDB6030L	QM3014B	LCD
	FDC638P	QM2403V	LCD
	FDC655BN	QM3014V	LCD
	FDC658AP	QM3001V	LCD
	FDC658AP	QM3001V	STB
	FDD6612A	QM3002D	MEDICAL EQUIP
	FDD6670A	QM3004D	DVR
	FDD6690A	QM3014D	DVR
	FDN337N	QM2414K	DVR
	FDN338P	QM2411K	STB
	FDN360N	QM3007K	NETBOOK PC
	FDN360N	QM3007K	SMPS
	FDP032N08	QM7020AP	SMPS
	FDS4435BZ	QM3003S	LCD MODULE
	FDS4935BZ	QM3203S	MONITOR
FDS4953	QM3201S	MONITOR	
FDS6630A	QM3008S	HI-PASS	

Vendor	Vendor P/N	UBIQ P/N	Application
FSC	FDS6676AS	QM3006S	DVR
	FDS6679	QM3015S	NETBOOK PC
	FDS8690	QM3004S	LCD MODULE
	FDS8896	QM3006S	DVR
	FDS8928A	QM2602S	MEDICAL EQUIP
	FDS8958A	QM3303S	NETBOOK PC
	FDS9435A	QM3001S	NETBOOK PC
	FDS9435A	QM3001S	LCD MODULE
	FQA170N06	QM7020AH	LED CONTROL
	FQP17P06	QM6001P	CCTV
	FQP20N06	QM6002P	SMPS
	FQPF12N60C	QM12N65F	MONITOR
	FQPF13N06L	QM6016F	MONITOR
	FQPF19N10	QM0004D	LED DOWNLIGHT
	FQPF33N10	QM0016P/F	SPS
	FQT13N06L	QM6008G	LED FLAT LAMP
NDC632P	QM2415K	DVR	
FUJI	2SK3677-01MR	QM12N70F	SMPS
INFINEON	SPA07N60C3	QM14N65P	SMPS
	SPP11N60C3	QM16N65P	SMPS
IR	IRF7811AV	QM3014B	DVR
	IRF7811AV	QM3014S	LED DRIVER
	IRFR2407	QM7018AD	MONEY COUNTER
	IRFZ24N	QM6002P	SMPS
	IRFZ44N	QM6006P	SMPS
	IRLML6402	QM2411K	GPS MODULE
LRC	LP2301LT1G	QM2411K	STB
NIKO	P2003EVG	QM3003S	MONITOR
	P45N03LTG	QM3002P	SMPS
	P5103EMG	QM3001K	STB
NXP	SI4800	QM3002S	DVR
	ONSEMI	NTR4101P	QM2411K
	NTR4501N	QM2414K	REMOCON
	NTGS5120P	QM6001V	STB
	POWER DEVICE	PFF10N65	QM12N65F
	PPF4N65	QM04N65F	ADAPTER

Vendor	Vendor P/N	UBIQ P/N	Application
SAMHOP	STM8319	QM3803S	Charger
	STS2620A	QM2604V	Charger
	STS3621	QM3303V	Charger
SANYO	CPH6312	QM3001V	Charger
SEMIHOW	HFP50N06	QM6006P	BALLAST
	HFP5N60S	QM04N65P	BALLAST
	HFS8N60S	QM09N65F	ADAPTER
SHINDENGEN	2SK2564	QM09N65F	MONITOR
ST	STP11NM60N	QM16N65P	SMPS
	STP4NK60ZFP	QM05N65P	SMPS
TOSHIBA	SSM3K14T	QM3008K	LED DRIVER
	TPCA8004H	QM3016M6	Charger
	TPCA8013	QM3015M6	Charger
	TPCA8030	QM3014M6	NETBOOK PC
	TPCA8A02	QM3006M6	NETBOOK PC
	VISHAY	SI2301CDS	QM2415K
	SI2308BDS	QM6008K	NETBOOK PC
	SI2315DS	QM2403K	REMOCON
	SI2323DS	QM2423K	NETBOOK PC
	SI3443BDV	QM2409V	NETBOOK PC
	SI3473CDV	QM2407V	NETBOOK PC
	SI4435BDY	QM3003S	LCD MODULE
	SI4435BDY	QM3003S	MONITOR
	SI4435DDY	QM3003S	LCD MODULE
	SI4435DY	QM3003S	LED DRIVER
	SI4925DDY	QM3203S	AV BOARD
	SI4925DDY-T1-GE3	QM3203S	LED DRIVER
	SI9945AEY	QM6208S	MONEY COUNTER
WISDOM	11N60	QM12N65F	SMPS
	4N60	QM05N65F	SMPS
	50N06	QM6006P	SMPS
	7N60	QM09N65F	SMPS
	WFP50N06	QM6006P	SMPS
	WFU1N60	QM02N65U	SMPS
ZETEX	ZXMN10A08G	QM0002G	LED DRIVER

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