



MOSFETs

MOSFETs are versatile workhorses in power electronics. When reliable switching, low on-resistance, and a compact footprint are needed, our portfolio provides the performance and reliability required for industrial and automotive applications. MCC's array of MOSFETs includes AEC-Q101 qualified solutions, as well as efficient package options in diverse configurations and power ranges.

MOSFETs



PRODUCT

MOSFETs



APPLICATION

MOSFETs



Automotive MOSFETs

Part Number	Package	Channel	Drain-Source Voltage	Drain Current	Static Drain-Source On-Resistance	Static Drain-Source On-Resistance	Gate Source Voltage	Power Rating	Gate Threshold Voltage	Gate Threshold Voltage	Input Capacitance	Operating Junction Temperature	ESD Diodes (V/N)
			V _{DS} (V)	I _D (A)	R _{DS(on)} (Ω) @10V	R _{DS(on)} (Ω) @4.5V	V _{GS} (V)	P _D (W)	V _{GS(th)} (V) (Min)	V _{GS(th)} (V) (Max)	C _{iss} (pF)	T _J (°C)	
2SK3019HE3	SOT-523	N	30	0.115	4	5	±20	0.29	0.8	1.5	16	150	Yes
BSS138AKDWEH3	SOT-363	N+N	50	0.22	1.6	2.5	±20	0.32	0.8	1.45	29.5	150	Yes
2N7002KDWBQ	SOT-363	N+N	60	0.22	2.5	3	±20	0.24	0.8	2.4	25	150	Yes
BSS84WHE3	SOT-323	P	-60	-0.2	3.6	4.5	±20	0.3	-0.9	-2	26	175	No
SI2101AHE3	SOT-323	P	-20	-1.2	-	0.13	±10	0.3	-0.3	-1	221	150	No
SI2102AHE3	SOT-323	N	20	2	-	0.08	±10	0.357	0.5	1.1	210	150	No
2N7002KWBQ	SOT-323	N	60	0.3	2	2.5	±20	0.416	1	2.5	18	175	Yes
2N7002KWHE3	SOT-323	N	60	0.34	2.5	3	±20	0.33	1	2	15	150	Yes
SI1K5N06UKWQ	SOT-323	N	60	0.33	1.5	1.6	±20	0.38	0.55	1.15	22.8	175	Yes
SIL04P06YHE3	SOT23-6L	P	-60	-3.5	0.085	0.12	±20	1.7	-1	-2.5	491	150	No
SIL2305CHE3	SOT23-6L	P	-20	-5.6	-	0.04	±12	1.8	-0.5	-1	770	150	No
SIL3415CHE3	SOT23-6L	P	-20	-5	-	0.045	±10	1	-0.5	-1.25	540	150	Yes
SIL2429HE3	SOT23-6L	N+P	20/-20	2.0/-1.6	-	0.057/0.120	±10	0.67	0.55/-0.4	1.1/-1.0	188/214	150	No
SIL3400AHE3	SOT23-6L	N	30	5.8	0.026	0.033	±12	1.8	0.5	1.5	580	150	No
SIL05N06HE3	SOT23-6L	N	60	5	0.043	0.047	±20	1.8	1	2.5	1175	150	No
BSS84HE3	SOT-23	P	-60	-0.2	3.6	4.7	±20	0.5	-0.9	-2	27	175	No
BSS84KHE3	SOT-23	P	-60	-0.4	2.9	3.5	±20	0.96	-1	-2.5	33	150	Yes
SI5618HE3	SOT-23	P	-60	-1.9	0.18	0.24	±20	1	-1	-3	600	150	No
SI3401AHE3	SOT-23	P	-30	-4.4	0.06	0.07	±12	1.2	-0.7	-1.3	831	150	No
SI3407HE3	SOT-23	P	-30	-4.1	0.049	0.065	±20	1.3	-1	-2.4	592	150	No
SI2301AHE3	SOT-23	P	-20	-3.4	-	0.051	±10	1	-0.4	-1	480	150	No
SI2301HE3	SOT-23	P	-20	-2.4	-	0.1	±12	1.1	-0.5	-1.5	418	150	Yes
SI2305BHE3	SOT-23	P	-20	-4.2	-	0.06	±10	1.4	-0.5	-0.9	770	150	No
SI2305CHE3	SOT-23	P	-20	-5.4	-	0.04	±12	1.3	-0.5	-1	770	150	No
SI3415CHE3	SOT-23	P	-20	-3.9	-	0.04	±10	1	-0.55	-1.25	540	150	Yes
SI2312HE3	SOT-23	N	20	5	-	0.0318	±8	1.25	0.45	1	668	150	No
SI300N03UKHE3	SOT-23	N	30	1.28	-	0.3	±10	0.86	0.45	1	56.5	150	Yes
SI3400AHE3	SOT-23	N	30	5.8	0.027	0.033	±12	1.04	0.7	1.4	586	150	No
SI3404HE3	SOT-23	N	30	5.6	0.028	0.042	±20	1.2	1	3	373	150	No
SI02N04AKHE3	SOT-23	N	40	2.5	0.091	0.135	±20	1.1	1	2.5	150	150	Yes
BSS138AHE3	SOT-23	N	50	0.22	1.6	2.5	±20	0.62	0.8	1.45	29	150	Yes
2N7002KDQ	SOT-23	N	60	0.3	2	-	±20	0.526	1.1	2.4	25	175	Yes
2N7002KHE3	SOT-23	N	60	0.34	2.5	3	±20	0.35	1	2.5	16	150	Yes
SI2310AHE3	SOT-23	N	60	3	0.1	0.12	±20	1.2	0.9	2	546	150	No
BSS123KHE3	SOT-23	N	100	0.28	4.6	6	±20	0.78	1.5	2.5	32	150	Yes
SI150N10YLHE3	SOT-23	N	100	1.8	0.15	0.21	±20	1	1.2	2.5	80	150	No
MCMN2014HE3	DFN2020-6LE	N	12	15	-	0.009	±8	2.4	0.4	1.1	1337	150	No
MCMWF190P06LQ	DFN2020-6(SWF)	P	-60	-5.7	0.19	0.29	±20	13	-1.2	-2.2	361	175	No
MCMWF034P02UKHE3	DFN2020-6(SWF)	P	-20	-14	-	0.034	±10	10	-0.55	-1.25	540	150	Yes
MCMWF025N04YQ	DFN2020-6(SWF)	N	40	15	0.025	-	±20	10.7	2	4	240	175	No
MCMWF039N06LHE3	DFN2020-6(SWF)	N	60	15	0.039	0.045	+20/-16	20	1	2.5	1178	150	No
MCMWF090N06LKHE3	DFN2020-6(SWF)	N	60	8.1	0.09	0.115	±20	12.5	1.1	2.1	315	150	Yes

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			V _{DS} (V)	I _D (A)	R _{DS(on)} (Ω) @10V	V _{GS} (V)	P _D (W)	V _{GS(th)} (V) (Min)	V _{GS(th)} (V) (Max)	C _{iss} (pF)	E _{AS} (mJ)	T _J (°C)	
MCG30N04HE3	DFN3333	N	40	30	0.014	±20	24	1	2.5	990	40	150	No
MCG35N04HE3	DFN3333	N	40	35	0.008	±20	40	1	2.5	2000	120	150	No
MCG53N06AHE3	DFN3333	N	60	53	0.0082	±20	45	1.2	2.5	1850	162	150	No
MCG60N06YHE3	DFN3333	N	60	60	0.006	±20	60	1	2.5	1666	144	175	No
MCG40N10YHE3	DFN3333	N	100	40	0.0185	±20	43	1	2.5	1220	81	150	No
MCG25P05YHE3	DFN3333	P	-48	-25	0.045	±20	74	-1.5	-2.7	1024	81	150	No
MCG08P06HE3	DFN3333-8	P	-60	-8	0.0284	±20	20.8	-1	-3	4306	50	150	No
MCG15P10YHE3	DFN3333	P	-100	-15	0.11	±20	50	-1	-2.5	1100	64	150	No
MCGWF60N04YHE3	DFN3333-8(SWF)	N	40	60	0.0039	±20	93	2	4	2144	156	175	No
MCGWF60N06YHE3	DFN3333-8(SWF)	N	60	60	0.006	±20	60	1	2.5	1666	95	175	No
MCGWF5D5N06YLHE3	DFN3333-8(SWF)	N	60	86	0.0055	±20	75	1	2.5	1702	112.5	175	No
MCGWF7D2N06YLHE3	DFN3333-8(SWF)	N	60	81	0.0072	±20	93	1.3	2.3	2060	136	175	No
MCGWF018N10YLQ	DFN3333-8(SWF)	N	100	40	0.018	±20	65	1.3	2.3	1170	67	175	No
MCGWF011N10YLHE3	DFN3333-8(SWF)	N	100	65	0.011	±20	100	1	2.5	1386	81	175	No
MCGWF45P04HE3	DFN3333-8(SWF)	P	-40	-45	0.013	±20	41.7	-1	-3	3136	132	150	No
MCGWF20P06YHE3	DFN3333-8(SWF)	P	-60	-20	0.026	±20	39	-1	-2.5	1483	108	150	No
MCGWF110P10YLHE3	DFN3333-8(SWF)	P	-100	-15	0.11	±20	52	-1.3	-2.3	1050	84	150	No
MCGWF120P10YQ	DFN3333-8(SWF)	P	-100	-15	0.12	±20	56	-2	-3.5	900	83	175	No
MCG012N04LHE3	PDFN3333	N	40	30	0.012	±20	34	1	2	980	40	150	No
MCG6D9N04YHQ	PDFN3333	N	40	50	0.0069	±20	50	2	4	1190	68	175	No
MCG5D7N04YHQ	PDFN3333	N	40	69	0.0057	±20	57	2	4	1080	82	175	No
MCG5D8N04YHE3	PDFN3333	N	40	70	0.0058	±20	65	2	4	627	40	175	No
MCG4D8N04YHE3	PDFN3333	N	40	75	0.0048	±20	60	2	4	880	54	175	No
MCG20N06HE3	PDFN3333	N	60	20	0.028	±20	32	1	2.5	1200	30	150	No
MCG029N06Q	PDFN3333	N	60	23	0.029	±20	45	1.5	2.5	920	32	175	No
MCG018N06LHE3	PDFN3333	N	60	30	0.018	±20	59	1	2	1850	55	150	No
MCG080N06LHE3	PDFN3333-B	N	60	9	0.08	±20	24	0.9	2	497	12	150	No
MCG09P06HE3	PDFN3333-B	P	-60	-9	0.17	±20	28	-1	-3	590	12	150	No
MCAC30N04HE3	DFN5060	N	40	30	0.016	±20	35.7	1	2.5	967	40	150	No
MCAC60N04HE3	DFN5060	N	40	60	0.007	±20	50	1	2.5	2023	100	150	No
MCAC75N04YHE3	DFN5060	N	40	75	0.0068	±20	74	2	4	1000	84	175	No
MCAC4D4N04YLHE3	DFN5060	N	40	80	0.0044	±20	51	1.2	2.5	970	60	175	No
MCAC85N04YHE3	DFN5060	N	40	85	0.006	±20	100	2	4	1171	81	175	No
MCAC88N04YHE3	DFN5060	N	40	88	0.0045	±20	68	2	4	861	56	175	No
MCAC95N04YHE3	DFN5060	N	40	95	0.0032	±20	75	2	4	1709	132	175	No
MCAC3D8N04YHQ	DFN5060	N	40	110	0.0038	±20	83	2.2	3.8	1745	273	175	No
MCAC120N04YHE3	DFN5060	N	40	120	0.0031	±20	83	2	4	2144	156	175	No
MCAC125N04YHE3	DFN5060	N	40	125	0.0026	±20	100	2	4	3540	132	175	No
MCAC130N04YHE3	DFN5060	N	40	130	0.00175	±20	150	1.2	2.5	7400	661	175	No
MCAC140N04YHE3	DFN5060	N	40	140	0.002	±20	150	1	3	2354	169	175	No
MCAC2D9N04YHQ	DFN5060	N	40	145	0.0029	±20	107	2	4	2404	210	175	No
MCAC2D6N04YHE3	DFN5060	N	40	166	0.0026	±20	125	2	4	2134	182	175	No
MCAC180N04YHE3	DFN5060	N	40	180	0.002	±20	115	2	4	4380	937	175	No
MCAC032N06Q	DFN5060	N	60	20	0.032	±20	83	1.5	2.5	895	36	175	No

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			V _{DS} (V)	I _D (A)	R _{DS(on)} (Ω) @10V	V _{GS} (V)	P _D (W)	V _{GS(th)} (V) (Min)	V _{GS(th)} (V) (Max)	C _{iss} (pF)	E _{AS} (mJ)	T _J (°C)	
MCAC30N06HE3	DFN5060	N	60	30	0.021	±20	45	1	2.5	2450	90	150	No
MCAC9D5N06YLHE3	DFN5060	N	60	52	0.0095	±20	50	1.3	2.3	920	49	175	No
MCAC53N06YHE3	DFN5060	N	60	53	0.0075	±20	69	1.2	2.5	2100	114	150	No
MCAC65N06YHE3	DFN5060	N	60	65	0.0052	±20	100	1	2.5	1740	144	175	No
MCAC5D3N06YHE3	DFN5060	N	60	75	0.0053	±20	75	2	4	1530	169	175	No
MCAC6D9N06LQ	DFN5060	N	60	75	0.0069	±20	83	1.3	2.3	1736	156	175	No
MCAC95N06YHE3	DFN5060	N	60	95	0.0038	±20	114	1.2	2.2	5300	1000	150	No
MCAC160N06YHE3	DFN5060	N	60	160	0.0025	±20	150	2	4	3586	529	175	No
MCAC25N10YHE3	DFN5060	N	100	25	0.033	±20	53	1	2.5	509	25	175	No
MCAC38N10YHE3	DFN5060	N	100	38	0.019	±20	59	1	2.5	1166	81	150	No
MCAC017N10YLQ	DFN5060	N	100	40	0.017	±20	71	1.3	2.3	1170	64	175	No
MCAC012N10YLHE3	DFN5060	N	100	58	0.012	±20	100	1	2.5	1396	81	175	No
MCAC60N10YAHE3	DFN5060	N	100	60	0.01	±20	88	1	2.8	2330	200	150	No
MCAC8D3N10YHHE3	DFN5060	N	100	81	0.0083	±20	115	2	4	1622	138	175	No
MCAC100N10YHE3	DFN5060	N	100	100	0.0055	±20	113	2	4	4700	400	150	No
MCAC70N15YHE3	DFN5060	N	150	70	0.017	±20	150	2	4	2527	81	175	No
MCAC50P04HE3	DFN5060	P	-40	-50	0.013	±20	96	-1	-2.5	3302	200	150	No
MCAC027P06KQ	DFN5060	P	-60	-46	0.027	±20	125	-1.5	-2.5	3090	110	175	Yes
MCAC015P06YQ	DFN5060	P	-60	-70	0.015	±20	150	-1.5	-3.1	3324	225	175	No
MCAC80P06YHE3	DFN5060	P	-60	-80	0.008	±18	120	-2	-4	5300	400	150	No
MCAC25P10YHE3	DFN5060	P	-100	-25	0.055	±20	88	-1	-2.5	2077	162	150	No
MCACL1D7N04YHHE3	DFN5060-C	N	40	180	0.0017	±20	125	2	4	4317	506	175	No
MCACL220N04YHE3	DFN5060-C	N	40	220	0.0013	±20	125	1	2.5	7216	625	175	No
MCACL1D5N04YHE3	DFN5060-C	N	40	302	0.0015	±20	230	2	4	3355	324	175	No
MCACL320N04YQ	DFN5060-C	N	40	320	0.0011	±20	230	2	4	6914	541	175	No
MCACL220N06YHE3	DFN5060-C	N	60	220	0.0016	±20	147	1	2.5	7500	1428	150	No
MCACLS290N04YHE3	DFN5060-DSC	N	40	290	0.0011	±20	205	2	4	5413	330	175	No
MCACLS330N04YAHE3	DFN5060-DSC	N	40	330	0.0011	±20	230	2	4	7349	1350	175	No
MCAC051P06Q	PDFN5060	P	-60	-24	0.051	±20	62	-1.2	-2.8	1470	49	175	No
MCAC013P06LHE3	PDFN5060	P	-60	-74	0.013	±20	150	-1.2	-2.4	5029	225	175	No
MCACD30N04HE3	PDFN5060-8D	N+N	40	30	0.015	±20	35	1	2.5	1030	42	150	No
MCACD50N04YHE3	PDFN5060-8D	N+N	40	50	0.0051	±20	42	1	2	1392	81	150	No
MCACD55N04YHE3	PDFN5060-8D	N+N	40	55	0.0085	±20	60	2	4	935	72	175	No
MCACD60N04YHE3	PDFN5060-8D	N+N	40	60	0.0055	±20	50	2	4	861	49	175	No
MCACD6D7N04YHHE3	PDFN5060-8D	N+N	40	60	0.0067	±20	42.9	2	4	625	42	175	No
MCACD5D0N04YHQ	PDFN5060-8D	N+N	40	85	0.005	±20	75	2.2	3.8	1745	81	175	No
MCACD20N06HE3	PDFN5060-8D	N+N	60	20	0.03	±20	35.7	1	2.5	1191	40	150	No
MCACD033N06Q	PDFN5060-8D	N+N	60	22	0.033	±20	62	1.5	2.5	940	30	175	No
MCACD50N06YHE3	PDFN5060-8D	N+N	60	50	0.009	±20	69	1	2.5	2100	162	150	No
MCACD012N06YLHE3	PDFN5060-8D	N+N	60	52	0.012	±20	55	1.3	2.4	910	36	175	No
MCACD60N06YHE3	PDFN5060-8D	N+N	60	60	0.0065	±20	50	1	2.5	1740	128	175	No
MCACD6D3N06YHE3	PDFN5060-8D	N+N	60	60	0.0063	±20	93.7	2	4	1529	121	175	No
MCACD033N10YLHE3	PDFN5060-8D	N+N	100	20	0.033	±20	41	1.2	2.2	520	20	175	No
MCACD20N10YHE3	PDFN5060-8D	N+N	100	20	0.022	±20	50	1	2.5	1240	81	150	No

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			V _{DS} (V)	I _D (A)	R _{DS(on)} (Ω) @10V	V _{GS} (V)	P _D (W)	V _{GS(th)} (V) (Min)	V _{GS(th)} (V) (Max)	C _{iss} (pF)	E _{AS} (mJ)	T _J (°C)	
MCACD12NP10YHE3	PDFN5060-8D	N+P	100/-100	40/-12	0.024/0.115	±20	104/69	1.2/-1.2	2.5/-2.5	1270/1120	72/36	150	No
MCQ12N03HE3	SOP-8	N	30	12	0.0065	±20	1.9	1	2.5	978	27	150	No
MCQD05N06HE3	SOP-8	N+N	60	5	0.03	±20	1.6	1	2.5	1152	30	150	No
MCT05N06HE3	SOT-223	N	60	5	0.035	±20	2.1	1	2.5	1173	30	150	No
MCT06P10HE3	SOT-223	P	-100	-6	0.21	±20	1.9	-1	-2.5	1369	23	150	No
MCU40N04HE3	DPAK	N	40	40	0.013	±20	56	1	2.5	1000	49	150	No
MCU7D2N04YHQ	DPAK	N	40	60	0.0072	±20	73	2	4	1000	68	175	No
MCU6D0N04YHQ	DPAK	N	40	72	0.006	±20	55	2	4	1085	95	175	No
MCU90N04YHE3	DPAK	N	40	90	0.0031	±20	83	2	4	2124	175	175	No
MCU3D8N04YHQ	DPAK	N	40	100	0.0038	±20	83	2.2	3.8	1745	161	175	No
MCU3D6N04YQ	DPAK	N	40	110	0.0036	±20	93	2	3.6	2371	203	175	No
MCU2D5N04YHQ	DPAK	N	40	130	0.0025	±20	125	2	4	4300	790	175	No
MCU2D8N04YHQ	DPAK	N	40	160	0.0028	±20	125	2	4	3344	315	175	No
MCU20N06BHE3	DPAK	N	60	20	0.043	±20	40	1	2.5	1135	42	150	No
MCU031N06Q	DPAK	N	60	23	0.031	±20	41.6	1.5	2.5	920	56	175	No
MCU011N06YLHE3	DPAK	N	60	44	0.011	±20	41.6	1.3	2.3	908	39.7	175	No
MCU50N06AHE3	DPAK	N	60	50	0.015	±20	59.5	1	2.5	2515	72	150	No
MCU75N06YHE3	DPAK	N	60	75	0.0048	±20	100	1	2.5	1698	144	175	No
MCU6D5N06YLQ	DPAK	N	60	80	0.0065	±20	88	1.3	2.3	1746	132	175	No
MCU80N06AHE3	DPAK	N	60	80	0.0075	±20	78	1.2	2.5	2100	144	150	No
MCU031N10YHE3	DPAK	N	100	24	0.031	±20	42.8	2	4	470	36	175	No
MCU029N10YLHE3	DPAK	N	100	27	0.029	±20	53	1	2.5	537	25	175	No
MCU017N10YLQ	DPAK	N	100	42	0.017	±20	68	1.3	2.3	1195	64	175	No
MCU62N10YHE3	DPAK	N	100	62	0.011	±20	94	1	2.5	1379	75	175	No
MCU50P04AHE3	DPAK	P	-40	-50	0.015	±20	83	-1	-2.5	3302	150	150	No
MCU055P06LQ	DPAK	P	-60	-19	0.055	±20	43	-1.2	-2.8	1463	49	175	No
MCU50P06YHE3	DPAK	P	-60	-50	0.012	±20	89	-1	-3	4600	169	150	No
MCU015P06YQ	DPAK	P	-60	-57	0.015	±20	100	-1.5	-3.1	3035	118	175	No
MCU013P06LHE3	DPAK	P	-60	-70	0.013	±20	136	-1.2	-2.4	4845	150	175	No
MCU15P10YHE3	DPAK	P	-100	-15	0.12	±20	50	-2	-4	920	72	150	No
MCU18P10YHE3	DPAK	P	-100	-18	0.11	±20	73.5	-1	-2.5	1014	36	150	No
MCB95N04YHE3	D2-PAK	N	40	95	0.003	±20	83	2	4	2138	156	175	No
MCB3D0N04YLHE3	D2-PAK	N	40	133	0.003	±20	96	1	3	2370	169	175	No
MCB3D2N04YQ	D2-PAK	N	40	138	0.0032	±20	107	2	3.6	2397	225	175	No
MCB2D8N04YHQ	D2-PAK	N	40	164	0.0028	±20	136	2	4	3540	484	175	No
MCB180N04YHE3	D2-PAK	N	40	180	0.0025	±20	150	2	4	4650	937	175	No
MCB220N04YHE3	D2-PAK	N	40	220	0.0015	±20	250	2	4	7864	900	175	No
MCB80N06YHE3	D2-PAK	N	60	80	0.0055	±20	125	1	2.5	1677	145	175	No
MCB7D2N06YLQ	D2-PAK	N	60	85	0.0072	±20	107	1	2.5	2060	121	175	No
MCB5D0N06YHHE3	D2-PAK	N	60	90	0.005	±20	93	2	4	1550	132	175	No
MCB200N06YHE3	D2-PAK	N	60	200	0.0035	±20	260	1	2.5	6000	600	150	No
MCB011N10YLHE3	D2-PAK	N	100	63	0.011	±20	100	1	2.5	1404	100	175	No
MCB70N15YHE3	D2-PAK	N	150	70	0.017	±20	180	2	4	2517	200	175	No
MCBS220N04YHE3	TO-263-7	N	40	220	0.0011	±20	250	2	4	7967	760	175	No

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Part Number	Package	Channel	Drain-Source Voltage	Drain Current	Static Drain-Source On-Resistance	Gate Source Voltage	Power Rating	Gate Threshold Voltage	Gate Threshold Voltage	Input Capacitance	Single Pulse Avalanche Energy	Operating Junction Temperature	ESD Diodes (Y/N)
			V _{DS} (V)	I _D (A)	R _{DS(on)} (Ω) @10V	V _{GS} (V)	P _D (W)	V _{GS(th)} (V) (Min)	V _{GS(th)} (V) (Max)	C _{iss} (pF)	E _{AS} (mJ)	T _J (°C)	
MCBS260N10YHE3	TO-263-7	N	100	260	0.0018	±20	375	2	4	10589	1122	175	No
MCTL270N04YHE3	TOLL-8L	N	40	270	0.0013	±20	468	2	4	8010	1521	175	No
MCTL150N06YHE3	TOLL-8L	N	60	150	0.0024	±20	158	1	2.5	3375	242	175	No
MCTL300N10YHE3	TOLL-8L	N	100	300	0.00155	±20	375	2.1	3.9	10051	2116	175	No
MCP5D4N06YHE3	TO-220AB(B)	N	60	90	0.0054	±20	88	2	4	1530	138	175	No

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Part Number	Package	Channel	Drain-Source Voltage	Drain Current	Static Drain-Source On-Resistance	Static Drain-Source On-Resistance	Gate Source Voltage	Power Rating	Gate Threshold Voltage	Gate Threshold Voltage	Input Capacitance	Operating Junction Temperature	ESD Diodes (V/N)
			V _{DS} (V)	I _D (A)	R _{DS(on)} (Ω) @10V	R _{DS(on)} (Ω) @4.5V	V _{GS} (V)	P _D (W)	V _{GS(th)} (V) (Min)	V _{GS(th)} (V) (Max)	C _{iss} (pF)	T _J (°C)	
SI3134KL3A	DFN1006-3	N	20	0.75	-	0.3	±12	0.66	0.35	1.1	27	150	Yes
SI2015KL3	DFN1006-3	N	20	1.1	-	0.35	±12	0.7	0.5	0.9	28	150	Yes
MC3541KL3	DFN1006-3	N	30	0.3	3.5	4	±20	0.69	0.8	1.45	16.3	150	Yes
SI300N03UKL3	DFN1006-3	N	30	1.25	-	0.3	±10	0.83	0.45	0.95	59.5	150	Yes
2N7002KL3A	DFN1006-3	N	60	0.26	2.5	3	±20	0.33	1	2.5	15	150	Yes
2N7002KL3	DFN1006-3	N	60	0.41	1.5	1.8	±20	0.44	1.3	2.3	25	150	Yes
SI2012KL3	DFN1006-3	P	-20	-0.98	-	0.5	±10	0.7	-0.45	-1	74	150	Yes
SI06P02KL3	DFN1006-3	P	-20	-0.95	-	0.58	±8	0.7	-0.35	-1.2	27	150	Yes
SI3139KL3A	DFN1006-3	P	-20	-0.65	-	0.85	±12	0.33	-0.35	-1.2	36	150	Yes
SI3139KL3B	DFN1006-3	P	-20	-0.65	-	0.85	±12	0.328	-0.35	-1.2	36	150	Yes
BSS84KL3A	DFN1006-3	P	-60	-0.22	5	-	±20	0.47	-1.1	-2.1	22.9	150	No
SI3134KL3B	DFN1006-3A	N	20	0.75	-	0.25	±10	0.9	0.35	1.2	33	150	Yes
SI3139KL3C	DFN1006-3A	P	-20	-0.5	-	0.85	±12	0.9	-0.35	-1.2	36	150	Yes
SI3134KU6	DFN1010B-6	N+N	20	0.75	-	0.25	±10	0.42	0.35	1.2	33	150	Yes
SI3439KU6	DFN1010B-6	N+P	20/-20	0.75/-0.52	-	0.25/0.85	±10	0.35	0.35/-0.35	1.2/-1.2	33/36	150	Yes
SI3139KU6	DFN1010B-6	P+P	-20	-0.52	-	0.85	±10	0.35	-0.35	-1.2	36	150	Yes
MCMN2014A	DFN2020-6J	N	20	13	-	0.009	±10	40	0.5	1.1	1302	150	No
MCM05N06	DFN2020-6J	N	60	5	0.042	0.053	±20	12.5	1	2.5	850	150	No
MCM1567	DFN2020-6J	P	-20	-9	-	0.018	±12	18	-0.4	-1	2130	150	No
MCMN2012A	DFN2020-6JA	N	20	12	-	0.013	±10	13.8	0.35	1	863	150	No
MCM1216A	DFN2020-6JA	P	-20	-16	-	0.016	±10	18	-0.4	-1	2130	150	No
MCM3400A	DFN2020-6L	N+N	30	5	0.032	0.038	±12	1.4	0.7	1.5	645	150	No
MCMNP2065A	DFN2020-6L	N+P	20/-20	6.0/-4.0	-	0.025/0.051	±10	1.6	0.4/-0.4	1.0/-1.0	402/496	150	No
MCMNP2065	DFN2020-6L	N+P	20/-20	6.0/-6.0	-	0.025/0.042	±10	1.6	0.4/-0.4	1.0/-1.0	393/762	150	No
MCM2301	DFN2020-6L	P+P	-20	-3.8	-	0.055	±10	1.4	-0.5	-0.9	492	150	No
MCM028N03YU	DFN2020-6LE	N	30	10	-	0.028	±12	16	0.45	1	520	150	No
MCM13N03	DFN2020-6LE	N	30	13	0.012	0.015	±20	2.9	1	2.5	1015	150	No
MCM012N04L	DFN2020-6LE	N	40	12	0.012	0.016	±20	1.8	1	2.5	990	150	No
MCM040P03L	DFN2020-6LE	P	-30	-10	0.04	0.06	±20	15	-1	-2.5	490	150	No
MCM037P02U	DFN2020-6T	P	-20	-5.2	-	0.037	±10	1.5	-0.4	-1	787	150	No
SI3136K	SOT-23	N	20	0.8	-	0.3	±8	0.96	0.5	1	44	150	Yes
SI3134KS	SOT-23	N	20	1.4	-	0.3	±12	1	0.5	0.9	27	150	Yes
SI2302AK	SOT-23	N	20	2.5	-	0.1	±8	1.1	0.4	1	131	150	Yes
SI2302	SOT-23	N	20	3	-	0.027	±8	1.56	0.65	1.2	388	150	No
SI2302A	SOT-23	N	20	3	-	0.032	±8	1.25	0.65	1.2	432	150	No
SI2302B	SOT-23	N	20	3	-	0.05	±10	1.1	0.55	1.1	190	150	No
SI2300S	SOT-23	N	20	4.3	-	0.033	±12	0.97	0.45	0.9	180	150	No
SI2312	SOT-23	N	20	5	-	0.0318	±8	1.25	0.45	1	668	150	No
SI2312A	SOT-23	N	20	5	-	0.025	±8	1.25	0.5	0.9	668	150	No
SI2300	SOT-23	N	20	5.2	-	0.025	±10	1.1	0.5	0.9	387	150	No
SI3420A	SOT-23	N	20	6	-	0.028	±10	1.25	0.5	1	668	150	No
SI2312B	SOT-23	N	20	6.8	-	0.021	±10	1.25	0.5	0.9	686	150	No
SI8810	SOT-23	N	20	7	0.018	0.022	±12	1.3	0.4	0.9	716	150	Yes
SI500N025UK	SOT-23	N	25	0.98	0.5	0.735	±20	0.83	0.6	1.05	14.3	150	Yes

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Part Number	Package	Channel	Drain-Source Voltage	Drain Current	Static Drain-Source On-Resistance	Static Drain-Source On-Resistance	Gate Source Voltage	Power Rating	Gate Threshold Voltage	Gate Threshold Voltage	Input Capacitance	Operating Junction Temperature	ESD Diodes (V/N)
			V _{DS} (V)	I _D (A)	R _{DS(on)} (Ω) @10V	R _{DS(on)} (Ω) @4.5V	V _{GS} (V)	P _D (W)	V _{GS(th)} (V) (Min)	V _{GS(th)} (V) (Max)	C _{iss} (pF)	T _J (°C)	
SI0301	SOT-23	N	30	0.5	-	0.75	±8	0.83	0.5	1	34	150	Yes
SI01N03K	SOT-23	N	30	0.8	-	0.51	±12	1	0.6	1.3	34.6	150	Yes
SI3099	SOT-23	N	30	1.1	0.408	0.518	±12	1.1	0.5	1.5	39	150	Yes
SI240N03UK	SOT-23	N	30	1.44	-	0.24	±10	0.86	0.45	1	56.5	150	Yes
SI2304	SOT-23	N	30	2.5	0.065	0.09	±20	1	1	2	229	150	No
SI2306	SOT-23	N	30	3.16	0.047	0.065	±20	1	1	3	229	150	No
SI2304S	SOT-23	N	30	3.5	0.045	0.085	±20	1.08	1	2.5	155	150	No
SI037N03U	SOT-23	N	30	3.9	0.037	0.04	±12	1	0.5	1.5	425	150	No
SI3402	SOT-23	N	30	4	0.027	0.033	±12	1.04	0.6	1.4	586	150	No
SI3400B	SOT-23	N	30	5.6	0.028	0.03	±12	1	0.6	1.5	34	150	No
SI3400	SOT-23	N	30	5.8	0.027	0.033	±12	1.04	0.7	1.4	586	150	No
SI3400A	SOT-23	N	30	5.8	0.027	0.033	±12	1.04	0.7	1.4	586	150	No
SI3400K	SOT-23	N	30	5.8	-	0.04	±12	1	0.5	1.4	576	150	Yes
SI3404	SOT-23	N	30	5.8	0.028	0.042	±20	1.2	1	2.2	373	150	No
SI2318A	SOT-23	N	40	5	0.045	0.06	±20	1.2	0.8	1.8	390	150	No
BSS138	SOT-23	N	50	0.22	2.5	3	±20	0.35	0.8	1.5	27	150	No
BSS138A	SOT-23	N	50	0.22	1.6	2.5	±20	0.62	0.8	1.45	29	150	Yes
BSS138KS	SOT-23	N	50	0.3	2.5	3.5	±20	0.7	0.7	1.6	15	150	Yes
BSS138BK	SOT-23	N	50	0.59	1.5	2.3	±20	1	0.5	1.5	25	150	Yes
BSS138B	SOT-23	N	50	0.6	1.1	1.2	±20	0.83	0.8	1.6	39	150	No
2N7002A	SOT-23	N	60	0.115	3	4	±30	0.39	1	2.5	34	150	No
2N7002	SOT-23	N	60	0.34	2.5	3	±20	1.08	1	2.5	35	150	No
2N7002B	SOT-23	N	60	0.34	3	4	±30	1.04	1	2.5	34	150	No
2N7002K	SOT-23	N	60	0.34	2.5	3	±20	0.83	1	2.5	15	150	Yes
2N7002KA	SOT-23	N	60	0.34	5	5.3	±20	0.35	1	2.5	16	150	Yes
2N7002KS	SOT-23	N	60	0.34	2.2	3	±20	0.35	1	2.5	16	150	Yes
2N7002C	SOT-23	N	60	0.35	1	1.4	±20	0.83	1.1	2.5	34	150	No
SI1K5N06UK	SOT-23	N	60	0.48	1.5	1.6	±20	0.74	0.5	1.1	24.3	150	Yes
SI2306KA	SOT-23	N	60	0.5	1.8	2.5	±30	0.83	1	2.5	29	150	Yes
SI2306K	SOT-23	N	60	0.55	1.2	1.3	±30	0.96	1	2.5	34	150	Yes
SI2310K	SOT-23	N	60	2.5	0.096	0.11	±20	1.3	1.1	2.3	340	150	Yes
SI03N06	SOT-23	N	60	3	0.08	0.095	±20	1.2	0.9	2	400	150	No
SI2310	SOT-23	N	60	3	0.105	0.125	±20	1.2	0.5	2	546	150	No
SI2310A	SOT-23	N	60	3	0.105	0.125	±20	1.2	0.5	1.5	512	150	No
SI2310B	SOT-23	N	60	3	0.1	0.12	±16	1.2	0.5	1.3	638	150	No
BSS123	SOT-23	N	100	0.17	6	10	±20	0.35	1	2.8	35	150	No
BSS123K	SOT-23	N	100	0.28	6	9	±20	0.78	1.5	2.5	32	150	Yes
SI2324A	SOT-23	N	100	2	0.28	0.3	±20	1.2	1	2	390	150	No
SI2392	SOT-23	N	100	3	0.14	0.3	±20	0.9	1	2.5	135	150	No
SI085N10YL	SOT-23	N	100	3.5	0.085	0.11	±20	1.26	1	2.5	186	150	No
SI2305	SOT-23	P	-8	-4.1	-	0.045	±8	1.2	-0.55	-0.9	810	150	No
SI2333	SOT-23	P	-12	-6	-	0.028	±8	1.1	-0.4	-1	810	150	No
SI2333A	SOT-23	P	-15	-5.6	-	0.04	±8	1.1	-0.4	-1	810	150	No
SI2301N	SOT-23	P	-19	-2.2	-	0.114	±10	0.83	-0.4	-1	159	150	No

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Part Number	Package	Channel	Drain-Source Voltage	Drain Current	Static Drain-Source On-Resistance	Static Drain-Source On-Resistance	Gate Source Voltage	Power Rating	Gate Threshold Voltage	Gate Threshold Voltage	Input Capacitance	Operating Junction Temperature	ESD Diodes (V/N)
			V _{DS} (V)	I _D (A)	R _{DS(on)} (Ω) @10V	R _{DS(on)} (Ω) @4.5V	V _{GS} (V)	P _D (W)	V _{GS(th)} (V) (Min)	V _{GS(th)} (V) (Max)	C _{iss} (pF)	T _J (°C)	
SI3415BS	SOT-23	P	-20	-5.6	-	0.042	±10	1.25	-0.5	-0.9	1151	150	Yes
SI2305B	SOT-23	P	-20	-4.2	-	0.039	±10	1.4	-0.5	-0.9	821	150	No
SI3415	SOT-23	P	-20	-4	-	0.05	±8	0.93	-0.3	-1	1204	150	Yes
SI3415A	SOT-23	P	-20	-4	-	0.045	±10	0.93	-0.35	-0.9	1204	150	Yes
SI3415C	SOT-23	P	-20	-3.9	-	0.04	±10	1	-0.55	-1.25	540	150	Yes
SI3415D	SOT-23	P	-20	-3.9	-	0.04	±10	1	-0.55	-1	540	150	Yes
SI3415U	SOT-23	P	-20	-3.2	-	0.065	±8	1	-0.4	-1.2	561	150	Yes
SI2321K	SOT-23	P	-20	-3	-	0.08	±8	1	-0.4	-1.2	570	150	Yes
SI2321	SOT-23	P	-20	-2.9	-	0.057	±12	1.2	-0.4	-0.9	770	150	No
SI2301	SOT-23	P	-20	-2.8	-	0.051	±8	1	-0.45	-1	480	150	No
SI2301A	SOT-23	P	-20	-2.8	-	0.051	±8	1	-0.5	-0.9	482	150	No
SI01P02K	SOT-23	P	-20	-0.7	-	0.7	±8	1	-0.4	-1	60	150	Yes
SI3139KS	SOT-23	P	-20	-0.6	-	0.85	±12	0.89	-0.35	-1.1	36	150	Yes
SI3401	SOT-23	P	-30	-4.2	0.065	0.075	±12	1.2	-0.7	-1.3	831	150	No
SI3401A	SOT-23	P	-30	-4.2	0.06	0.07	±12	1.2	-0.7	-1.3	831	150	No
SI3407	SOT-23	P	-30	-4.1	0.049	0.065	±20	1.3	-1	-3	600	150	No
SI2303	SOT-23	P	-30	-3	0.055	0.068	±20	1.3	-1	-3	493	150	No
SI2307K	SOT-23	P	-30	-3	-	0.09	±8	1.25	-0.4	-1.2	1060	150	Yes
SI2307	SOT-23	P	-30	-2.7	0.088	0.138	±20	1.3	-1	-3	600	150	No
SI085P03LK	SOT-23	P	-30	-2.6	0.085	0.13	±20	0.95	-1	-2	213	150	Yes
SI095P03L	SOT-23	P	-30	-2	0.095	0.15	±20	0.69	-1	-2.5	190	150	No
SI2303K	SOT-23	P	-30	-1	-	0.43	±8	1	-0.4	-1.3	166	150	Yes
SI2319	SOT-23	P	-40	-3.5	0.085	0.105	±20	1.4	-1	-2.5	536	150	No
SI080P04L	SOT-23	P	-40	-3	0.08	0.11	±20	1	-1	-2.5	400	150	No
SI125P06L	SOT-23	P	-60	-2	0.125	0.15	±20	1	-1	-2	697	150	No
SI5618	SOT-23	P	-60	-1.9	0.15	0.2	±20	1	-1	-3	609	150	No
SI5618A	SOT-23	P	-60	-1.6	0.16	0.24	±20	1.2	-1	-2.5	429	150	No
BSS84AK	SOT-23	P	-60	-0.5	2	2.4	+25/-30	1	-1.3	-3	35	150	Yes
BSS84	SOT-23	P	-60	-0.16	7.8	9.5	±20	0.4	-0.9	-2	27	150	No
BSS84A	SOT-23	P	-60	-0.16	7.8	9.5	±30	0.4	-0.9	-2	27	150	No
BSS84K	SOT-23	P	-60	-0.13	6	7	±20	0.96	-0.8	-2.5	37	150	Yes
SI01P10	SOT-23	P	-100	-1	0.8	1	±20	0.77	-1.5	-3	342	150	No
SL3402	SOT-23-3L	N	30	4.5	0.027	0.033	±12	0.96	0.6	1.4	586	150	No
SL020N03LK	SOT-23-3L	N	30	5.3	0.0208	0.032	±20	0.9	1.3	2.3	887	150	Yes
SL05N06	SOT-23-3L	N	60	5	0.044	0.049	±20	1.8	1	2.5	1175	150	No
SL100N10L	SOT-23-3L	N	100	2	0.1	0.11	±20	0.92	1.3	2.3	903	150	No
SL3007	SOT-23-3L	P	-30	-7	0.025	0.036	±20	1.5	-1	-2.5	1636	150	No
SL3401A	SOT-23-3L	P	-30	-4.4	0.06	0.07	±12	1.25	-0.7	-1.3	806	150	No
SL3407	SOT-23-3L	P	-30	-4.3	0.049	0.065	±20	1.5	-1	-3	492	150	No
SL125P06L	SOT-23-3L	P	-60	-2	0.125	0.15	±20	1	-1	-2	697	150	No
SL03P10	SOT-23-3L	P	-100	-3	0.286	0.335	±20	1.4	-1.1	-2	940	150	No
SIL08N02	SOT23-6L	N	20	8	-	0.017	±10	1.5	0.45	1	678	150	No
SIL2322A	SOT23-6L	N+N	20	3	-	0.03	±8	1.2	0.55	1.25	432	150	No
SIL2300	SOT23-6L	N+N	20	4	-	0.025	±10	1.4	0.45	1	384	150	No

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Part Number	Package	Channel	Drain-Source Voltage	Drain Current	Static Drain-Source On-Resistance	Static Drain-Source On-Resistance	Gate Source Voltage	Power Rating	Gate Threshold Voltage	Gate Threshold Voltage	Input Capacitance	Operating Junction Temperature	ESD Diodes (V/N)
			V _{DS} (V)	I _D (A)	R _{DS(on)} (Ω) @10V	R _{DS(on)} (Ω) @4.5V	V _{GS} (V)	P _D (W)	V _{GS(th)} (V) (Min)	V _{GS(th)} (V) (Max)	C _{iss} (pF)	T _J (°C)	
SIL2300A	SOT23-6L	N+N	20	7	-	0.018	±10	1.4	0.45	1	668	150	No
SIL260N03UK	SOT23-6L	N	30	1.51	-	0.26	±10	1.04	0.45	1	57.6	150	Yes
SIL3400A	SOT23-6L	N	30	5.8	0.032	0.038	±12	1.8	0.5	1.5	580	150	No
SIL08N03	SOT23-6L	N	30	8	0.014	0.016	±20	1.6	1	3	1038	150	No
SIL02N06K	SOT23-6L	N	60	2.5	0.105	0.14	±20	1.6	1.1	2.3	338	150	Yes
SIL05N06A	SOT23-6L	N	60	5	0.043	0.047	±20	1.8	1	2.5	1175	150	No
SIL2324A	SOT23-6L	N+N	100	2	0.28	0.3	±20	1	1	2	445	150	No
SIL03N10A	SOT23-6L	N	100	3	0.12	0.14	±20	1.7	1.1	3	897	150	No
SIL085N10YL	SOT23-6L	N	100	3.5	0.085	0.11	±20	1.6	1	2.5	186	150	No
SIL02N15A	SOT23-6L	N	150	2	0.29	-	±20	1.8	1	2.5	666	150	No
SIL2612	SOT23-6L	N	200	1	0.59	0.6	±20	1.4	1.3	2.5	665	150	No
SIL3439KA	SOT23-6L	N+P	20/-20	1.2/-1.0	-	0.3/0.85	±12	1.25	0.35/-0.35	1.1	27/36	150	Yes
SIL2308	SOT23-6L	N+P	20/-20	5/-4	-	0.025/0.064	±10/±12	1.05	0.5/-0.5	1/-1	386/490	150	No
SIL3724A	SOT23-6L	N+P	30/-30	4.5/-3.5	0.035/0.090	0.050/0.115	±20	1.25	1.0/-1.0	2.5/-2.5	229/356	150	No
SIL2305B	SOT23-6L	P	-20	-5.4	-	0.06	±10	1.6	-0.5	-0.9	770	150	No
SIL3415	SOT23-6L	P	-20	-4	-	0.05	±8	1.4	-0.3	-1	1070	150	Yes
SIL800P02UK	SOT23-6L	P	-20	-0.84	-	0.8	±12	0.87	-0.33	-0.93	37.3	150	Yes
SIL2301	SOT23-6L	P+P	-20	-2.3	-	0.09	±8	1.25	-0.4	-1	480	150	No
SIL06P03A	SOT23-6L	P	-30	-6	-	0.043	±20	1.25	-1	-2.5	490	150	No
SIL3407	SOT23-6L	P	-30	-4.1	0.05	0.07	±20	1.6	-1	-3	581	150	No
SIL2623A	SOT23-6L	P+P	-30	-3	0.09	0.115	±20	1.25	-1	-2.5	356	150	No
SIL04P06Y	SOT23-6L	P	-60	-3.5	0.085	0.12	±20	1.56	-1	-2.5	513	150	No
SIL100P06L	SOT23-6L	P	-60	-2.81	0.1	0.12	±20	1.48	-1.2	-2.2	931	150	No
SI3134KWA	SOT-323	N	20	0.75	-	0.3	±12	0.31	0.5	1.1	28	150	Yes
SI2102A	SOT-323	N	20	3	-	0.07	±10	0.357	0.55	1	210	150	No
2SK3018	SOT-323	N	30	0.1	3	4	±20	0.3	0.8	1.5	16	150	Yes
SI0103KW	SOT-323	N	30	1	-	0.174	±10	0.33	0.5	1	164	150	Yes
BSS138W	SOT-323	N	50	0.22	3.5	6	±20	0.316	0.8	1.5	29	150	No
BSS138BKW	SOT-323	N	50	0.37	1.5	2.3	±20	0.4	0.5	1.5	30	150	Yes
2N7002W	SOT-323	N	60	0.115	2.5	3	±20	0.2	1	2	25.2	150	No
SI1K5N06UKW	SOT-323	N	60	0.29	1.5	2.5	±20	0.26	0.5	1.1	22.8	150	Yes
2N7002KW	SOT-323	N	60	0.34	2.5	3	±20	0.33	1	2	15	150	Yes
2N7002KWA	SOT-323	N	60	0.34	2.5	3	±20	0.33	1	2	15	150	Yes
BSS123W	SOT-323	N	100	0.17	6	10	±20	0.35	1	2.8	35	150	No
SI2301W	SOT-323	P	-19	-1.5	-	0.108	±10	0.35	-0.4	-1	208	150	No
SI2101A	SOT-323	P	-20	-2	-	0.13	±10	0.36	-0.4	-1	221	150	No
SI3139KWA	SOT-323	P	-20	-0.6	-	0.85	±12	0.41	-0.35	-1.1	36	150	Yes
BSS84KW	SOT-323	P	-50	-0.13	8	-	±20	0.357	-0.9	-2	37	150	Yes
BSS84W	SOT-323	P	-60	-0.2	3.9	4.6	±20	0.25	-0.9	-2	23	150	No
SI3134KWAS	SOT-323S	N	20	0.69	-	0.3	±12	0.22	0.4	1.1	29	150	Yes
2N7002KWS	SOT-323S	N	60	0.23	2.5	3	±20	0.29	1	2	15	150	Yes
SI3134KDDWA	SOT-363	N+N	20	0.75	-	0.3	±12	0.37	0.35	1.1	28	150	Yes
SI2124DW	SOT-363	N+N	20	1.5	-	0.09	±10	0.43	0.55	1.1	188	150	No
SI3439KDDWA	SOT-363	N+P	20/-20	0.75/-0.6	-	0.3/0.85	±12	0.325	0.35/-0.35	1.1/-1.1	28/36	150	Yes

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Part Number	Package	Channel	Drain-Source Voltage	Drain Current	Static Drain-Source On-Resistance	Static Drain-Source On-Resistance	Gate Source Voltage	Power Rating	Gate Threshold Voltage	Gate Threshold Voltage	Input Capacitance	Operating Junction Temperature	ESD Diodes (V/N)
			V _{DS} (V)	I _D (A)	R _{DS(on)} (Ω) @10V	R _{DS(on)} (Ω) @4.5V	V _{GS} (V)	P _D (W)	V _{GS(th)} (V) (Min)	V _{GS(th)} (V) (Max)	C _{iss} (pF)	T _J (°C)	
SI2429DW	SOT-363	N+P	20/-20	1.5/-1.0	-	0.09/0.150	±10	0.43	0.55/-0.4	1.1/-1.0	188/220	150	No
UM6K1NA	SOT-363	N+N	30	0.5	0.75	0.96	±20	0.3	0.7	1.5	13.9	150	Yes
UM6K1NA-TPQ2	SOT-363	N+N	30	0.5	0.75	0.96	±20	0.3	0.7	1.5	13.9	150	Yes
BSS138AKDW	SOT-363	N+N	50	0.22	1.6	2.5	±20	0.32	0.8	1.45	29.5	150	Yes
BSS138AKDW-TPQ2	SOT-363	N+N	50	0.22	1.6	2.5	±20	0.32	0.8	1.45	29.5	150	Yes
BSS138BKDW	SOT-363	N+N	50	0.22	1.5	2.3	±20	0.35	0.8	1.45	25	150	Yes
BSS138BKDW-TPQ2	SOT-363	N+N	50	0.22	1.5	2.3	±20	0.35	0.8	1.45	25	150	Yes
2N7002DW	SOT-363	N+N	60	0.34	2.5	3	±20	0.3	1	2.5	25.2	150	No
2N7002DW-TPQ2	SOT-363	N+N	60	0.34	2.5	3	±20	0.3	1	2.5	25.2	150	No
2N7002KDW	SOT-363	N+N	60	0.34	3	4	±20	0.3	1	2.5	16	150	Yes
2N7002KDW-TPQ2	SOT-363	N+N	60	0.34	3	4	±20	0.3	1	2.5	16	150	Yes
BSS8402DW	SOT-363	N+P	60/-50	0.115/-0.13	2.0/8.0	-	±20	0.39	1/-0.9	2.5/-2	25.2/27	150	No
MC7252KDW	SOT-363	N+P	60/-50	0.34/-0.18	2.5/6	3.0/7.0	±20	0.32	1/-0.9	2.5/-2	15.2/37	150	Yes
MC7252KDWAS	SOT-363	N+P	60/-50	0.34/-0.18	2.5/6	3.0/7.0	±20	0.32	1.0/-0.9	2.5/-2	15.2/37	150	Yes
SI2129DW	SOT-363	P+P	-20	-1	-	0.14	±10	0.43	-0.4	-1	220	150	No
SI3139KDWAS	SOT-363	P+P	-20	-0.6	-	0.85	±12	0.32	-0.35	-1.1	36	150	Yes
BSS84KDW	SOT-363	P+P	-60	-0.32	6	7	±20	0.31	-1	-2	37	150	Yes
BSS84DW	SOT-363	P+P	-60	-0.16	8	-	±20	0.45	-0.9	-2	39	150	No
SI3134KDWAS	SOT-363S	N+N	20	0.75	-	0.3	±12	0.26	0.5	0.9	28	150	Yes
SI3439KDWAS	SOT-363S	N+P	20/-20	0.75/-0.6	-	0.3/0.85	±12	0.325	0.35/-0.35	1.1/-1.1	28/36	150	Yes
SI6303KDWS	SOT-363S	N+N	30	0.5	-	0.5	±12	0.3	0.6	1.5	34	150	Yes
2N7002KDWS	SOT-363S	N+N	60	0.22	3	4	±20	0.3	1	2.5	16	150	Yes
BSS138AKDWS	SOT-363S	N+N	60	0.22	1.6	2.5	±20	0.32	0.8	1.1	29.5	150	Yes
MC7252KDWAS	SOT-363S	N+P	60/-50	0.34/-0.18	2.5/6.0	3.0/7.0	±20	0.32	1.0/-0.9	2.0/-2.0	15.2/37	150	Yes
BSS123DWS	SOT-363S	N+N	100	0.2	3.4	3.6	±20	0.271	1	2.5	35	150	No
SI3139KDWAS	SOT-363S	P+P	-20	-0.6	-	0.85	±12	0.32	-0.35	-1.1	36	150	Yes
BSS84KDWS	SOT-363S	P+P	-60	-0.32	3	3.5	±20	0.31	-1	-2	37	150	Yes
SI3134KEA	SOT-523	N	20	0.75	-	0.3	±12	0.3	0.5	0.9	28	150	Yes
2SK3019	SOT-523	N	30	0.1	4	5	±20	0.29	0.8	1.5	16	150	Yes
2SK3019A	SOT-523	N	30	0.1	4	5	±20	0.29	0.8	1.5	16	150	Yes
SI0205	SOT-523	N	50	0.2	-	4	±8	0.83	0.3	0.8	33	150	Yes
BSS138KT	SOT-523	N	50	0.25	1.6	2.5	±20	0.28	0.5	1.5	29	150	Yes
BSS138BKT	SOT-523	N	50	0.34	1.5	2.3	±20	0.35	0.5	1.5	25	150	Yes
2N7002T	SOT-523	N	60	0.115	5	7.5	±20	0.15	1	2	15.6	150	No
2N7002KT	SOT-523	N	60	0.3	2.5	3	±20	0.15	1	2.5	15.6	150	Yes
BSS123E	SOT-523	N	100	0.2	3.4	3.6	±20	0.357	1	2.5	35	150	No
SI3139KEA	SOT-523	P	-20	-0.6	-	0.85	±12	0.4	-0.35	-1.1	35	150	Yes
BSS84KT	SOT-523	P	-60	-0.26	6	7	±20	0.27	-1	-2	37	150	Yes
SIX3134KA	SOT-563	N+N	20	0.75	-	0.3	±12	0.3	0.5	1.1	28	150	Yes
SIX3439KA	SOT-563	N+P	20/-20	0.75/-0.6	-	0.3/0.85	±12	0.312	0.5/-0.5	1.1/-1.1	27/36	150	Yes
SIX3439KA-TPQ2	SOT-563	N+P	20/-20	0.75/-0.6	-	0.3/0.85	±12	0.312	0.5/-0.5	1.1/-1.1	27/36	150	Yes
UM6X1NA	SOT-563	N+N	30	0.5	0.75	0.96	±20	0.352	0.7	1.5	13.9	150	Yes
2N7002V	SOT-563	N+N	60	0.115	2.5	-	±20	0.15	1	2.5	25.2	150	No
BSS138KV	SOT-563	N+N	60	0.204	3.3	4.1	±20	0.289	0.6	1.4	13.3	150	Yes

MOSFETs

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Part Number	Package	Channel	Drain-Source Voltage	Drain Current	Static Drain-Source On-Resistance	Static Drain-Source On-Resistance	Gate Source Voltage	Power Rating	Gate Threshold Voltage	Gate Threshold Voltage	Input Capacitance	Operating Junction Temperature	ESD Diodes (Y/N)
			V _{DS} (V)	I _D (A)	R _{DS(on)} (Ω) @10V	R _{DS(on)} (Ω) @4.5V	V _{GS} (V)	P _D (W)	V _{GS(th)} (V) (Min)	V _{GS(th)} (V) (Max)	C _{iss} (pF)	T _J (°C)	
2N7002KV	SOT-563	N+N	60	0.34	5	5.3	±20	0.15	1	2.5	15.6	150	Yes
MC7252KV	SOT-563	N+P	60/-60	0.23/-0.18	2.5/4.0	3.0/4.0	±20	0.285	1.0/-0.8	2.0/-1.8	16.2/25.2	150	Yes
SIX3K4N10L	SOT-563	N+N	100	0.2	3.4	3.6	±20	0.35	1	2.5	34	150	No
SIX3139KA	SOT-563	P+P	-20	-0.6	-	0.85	±12	0.34	-0.35	-1.1	36	150	Yes
BSS84KV	SOT-563	P+P	-60	-0.26	2.9	3.5	±20	0.37	-1	-2.5	33.5	150	Yes
SI3134KA	SOT-723	N	20	0.75	-	0.3	±12	0.25	0.35	1.1	27	150	Yes
MC3541A	SOT-723	N	30	0.3	3	4	±20	0.27	0.8	1.45	16	150	Yes
2SK3020	SOT-723	N	30	0.5	0.75	0.95	±20	0.266	0.7	1.5	13.9	150	Yes
2N7002KM	SOT-723	N	60	0.34	4	4.5	±20	0.275	1	2.5	15.6	150	Yes
BSS123M	SOT-723	N	100	0.2	3.4	3.6	±20	0.337	1	2.5	35	150	No
SI3139KA	SOT-723	P	-20	-0.66	-	0.85	±12	0.3	-0.35	-1.1	35	150	Yes
BSS84KM	SOT-723	P	-60	-0.26	6	7	±20	0.35	-0.8	-2.5	36	150	Yes
MCA03N06	SOT-89	N	60	3	0.1	0.12	±20	1.7	0.65	1.55	699	150	No
MCA031N06L	SOT-89	N	60	5	0.031	0.038	±20	1.79	1	2.5	1150	150	No
MCA03N10	SOT-89	N	100	3	0.14	-	±20	1.9	1	2	573	150	No

Power MOSFETs

Part Number	Package	Channel	Drain-Source Voltage	Drain Current	Static Drain-Source On-Resistance	Gate Source Voltage	Power Rating	Gate Threshold Voltage	Gate Threshold Voltage	Input Capacitance	Single Pulse Avalanche Energy	Operating Junction Temperature	ESD Diodes (V/N)
			V _{DS} (V)	I _D (A)	R _{DS(on)} (Ω) @10V	V _{GS} (V)	P _D (W)	V _{GS(th)} (V) (Min)	V _{GS(th)} (V) (Max)	C _{iss} (pF)	E _{AS} (mJ)	T _J (°C)	
MCG30N03A	DFN3333	N	30	30	0.01	±20	27	1	2.5	1052	60	175	No
MCG5D9N03YL	DFN3333	N	30	45	0.0059	±20	22	1.2	2.5	594	30	150	No
MCG50N03	DFN3333	N	30	50	0.006	±20	30	1	2.5	2150	112	175	No
MCG3D6N03L	DFN3333	N	30	60	0.0036	±20	40	1	2	4665	400	150	No
MCG3D7N03L	DFN3333	N	30	100	0.0037	±20	62.5	1	2	3675	169	150	No
MCG20N04	DFN3333	N	40	20	0.014	±20	24	1	2.5	990	40	150	No
MCG35N04A	DFN3333	N	40	35	0.008	±20	40	1	2.5	2000	120	150	No
MCG8D8N04YL	DFN3333	N	40	47	0.0088	±20	32	1.2	2.5	682	64	150	No
MCG50N04	DFN3333	N	40	50	0.004	±20	52	1	2.5	4300	400	150	No
MCG029N06L	DFN3333	N	60	18	0.029	±20	18.6	1	2.5	1180	36	150	No
MCG8D2N06YL	DFN3333	N	60	45	0.0082	±20	32.6	1	2.5	1050	49	175	No
MCG53N06A	DFN3333	N	60	53	0.0082	±20	45	1.2	2.5	1850	162	150	No
MCG60N06Y	DFN3333	N	60	60	0.006	±20	60	1	2.5	1666	144	175	No
MCG240N10L	DFN3333	N	100	5	0.24	±20	13.8	1.1	3	380	4	150	No
MCG15N10	DFN3333	N	100	15	0.099	±20	30.5	2	4	1273	20	150	No
MCG40N10Y	DFN3333	N	100	40	0.0185	±20	43	1	2.5	1139	81	150	No
MCG013N10YL	DFN3333	N	100	45	0.013	±20	46	1	3	1800	100	150	No
MCG45N10Y	DFN3333	N	100	45	0.012	±20	48	2	4	1683	12	150	No
MCG012N10YL	DFN3333	N	100	50	0.012	±20	78	1	3	1370	64	175	No
MCG05N20	DFN3333	N	200	5	0.32	±20	54	1	2	455	60	150	No
MCG35P02	DFN3333	P	-20	-35		±10	69	-0.4	-1	2100	98	150	No
MCG55P02A	DFN3333	P	-20	-55		±10	38	-0.4	-1	4231	98	150	No
MCG20P03	DFN3333	P	-30	-20	0.02	±20	21	-1	-2.5	1618	72	150	No
MCG25P03	DFN3333	P	-30	-25	0.019	±20	62.5	-1	-2	1385	60.5	150	No
MCG30P03	DFN3333	P	-30	-30	0.015	±25	32	-1.2	-2.8	2450	100	150	No
MCG35P03A	DFN3333	P	-30	-54	0.009	±20	41.6	-1	-2.5	2377	162	150	No
MCG35P04	DFN3333	P	-40	-35	0.025	±20	38	-1	-2.5	1257	50	150	No
MCG35P04A	DFN3333	P	-40	-35	0.02	±20	59	-1	-2.5	2511	98	150	No
MCG078P06L	DFN3333	P	-60	-14	0.078	±20	29.8	-1	-2	1200	25	150	No
MCG20P06	DFN3333	P	-60	-20	0.025	±20	25	-1	-3	1533	100	150	No
MCG055P06	DFN3333	P	-60	-21	0.055	±20	46.3	-1	-3	1465	44	150	No
MCG25P06Y	DFN3333	P	-60	-25	0.05	±20	73.5	-1.5	-2.7	1024	81	150	No
MCG085P10	DFN3333	P	-100	-14	0.085	±20	34.7	-1.5	-2.5	2095	64	150	No
MCG052P10Y	DFN3333	P	-100	-16	0.052	±25	25	-1.9	-3.5	860	72	150	No
MCG360P15	DFN3333	P	-150	-10	0.36	±20	78	-2	-4	2088	49	150	No
MCG20P06Y	DFN3333-8	P	-60	-20	0.028	±20	39	-1	-2.5	1483	103	150	No
MCGWF45P04	DFN3333-8(SWF)	P	-40	-45	0.013	±20	41.7	-1	-3	3136	132	150	No
MCGWF085P10	DFN3333-8(SWF)	P	-100	-16	0.085	±20	56.8	-1.5	-2.5	2040	79	150	No
MCG020N03L	DFN3333-D	N+N	30	21	0.02	±20	15	1	2.2	390	16	150	No
MCGD10NP03	DFN3333-D	N+P	30/-30	10/-10	0.017/0.040	±20	21	1.5/-1.5	2.5/-2.5	873/888	20/24	150	Yes
MCGD018NP03L	DFN3333-D	N+P	30/-30	20/-20	0.020/0.018	±20	27/22	1.0/-1.0	2.5/-2.5	380/1220	25/81	150	No
MCGD25N04	DFN3333-D	N+N	40	25	0.018	±20	18	1	2.5	940	50	150	No
MCGD016NP04L	DFN3333-D	N+P	40/-40	24/-18	0.016/0.029	±20	19/19.5	1.0/-1.1	2.2/-2.1	965/1225	6.25/6.25	150	No
MCGD115NP10L	DFN3333-D	N+P	100/-100	10/-5.5	0.115/0.325	±20	31/24	1.3/-1.0	2.3/-2.0	851/949	8/6.1	150	No

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Part Number	Package	Channel	Drain-Source Voltage	Drain Current	Static Drain-Source On-Resistance	Gate Source Voltage	Power Rating	Gate Threshold Voltage	Gate Threshold Voltage	Input Capacitance	Single Pulse Avalanche Energy	Operating Junction Temperature	ESD Diodes (V/N)
			V _{DS} (V)	I _D (A)	R _{DS(on)} (Ω) @10V	V _{GS} (V)	P _D (W)	V _{GS(th)} (V) (Min)	V _{GS(th)} (V) (Max)	C _{iss} (pF)	E _{AS} (mJ)	T _J (°C)	
MCGD30P02	DFN3333-D	P+P	-20	-30		±10	21	-0.4	-1	2157	31	150	No
MCG6D5N03L	PDFN3333	N	30	60	0.0065	±20	41	1	2.5	1045	72	150	No
MCG3D2N03YL	PDFN3333	N	30	70	0.0032	±20	62.5	1.2	2.5	1212	84	150	No
MCG4D8N04Y	PDFN3333	N	40	75	0.0048	±20	60	2	4	880	54	175	No
MCG4D5N04YL	PDFN3333	N	40	80	0.0045	±20	68	1	2.5	960	54	175	No
MCG018N06L	PDFN3333	N	60	30	0.018	±20	59	1	2	1850	55	150	No
MCG010N06YL	PDFN3333	N	60	45	0.01	±20	39	1.3	2.5	927	40	150	No
MCG120N10L	PDFN3333	N	100	10	0.12	±20	35	1.3	2.3	998	18	175	No
MCG062N15Y	PDFN3333	N	150	14	0.062	±20	52	2	4	784	7	150	No
MCG45P02	PDFN3333	P	-20	-45		±10	56.8	-0.4	-1	5236	64	150	No
MCG50P03B	PDFN3333	P	-30	-50	0.011	±25	56	-1	-3	1745	95	150	No
MCG6D0N03YL	PDFN3333-B	N	30	45	0.006	±20	38	1	2.5	594	36	150	No
MCG12D1N03YL	PDFN3333-B	N	30	100	0.0021	±20	50	1.2	2.5	2630	162	175	No
MCG8D2N04YL	PDFN3333-B	N	40	45	0.0082	±20	31	1.1	2.1	910	44	150	No
MCACLF320N04Y	LFPAK56E	N	40	320	0.00062	±20	230	2	4	6485	441	175	No
MCAC40N03A	DFN5060	N	30	40	0.0075	±20	35	1	2.5	1050	55	150	No
MCAC50N03	DFN5060	N	30	50	0.0047	±20	50	1	2.5	2041	196	175	No
MCAC5D5N03YL	DFN5060	N	30	55	0.0055	±20	39	1.2	2.2	560	36	150	No
MCAC68N03Y	DFN5060	N	30	68	0.0072	±20	41	1	2	723	41.4	150	No
MCAC100N03Y	DFN5060	N	30	100	0.003	±20	104	1.5	2.5	2559	270	150	No
MCAC10H03A	DFN5060	N	30	100	0.003	±20	96	1	2.5	3620	243	150	No
MCAC2D4N03YL	DFN5060	N	30	125	0.0024	±20	62.5	1.2	2.2	1525	110	150	No
MCAC2D7N03YL	DFN5060	N	30	130	0.0027	±20	73	1.2	2.5	1250	84	150	No
MCAC150N03A	DFN5060	N	30	150	0.002	±20	75	1	2.5	4498	400	150	No
MCAC1D1N03YL	DFN5060	N	30	240	0.0011	±20	104	1.2	2.5	6315	625	175	No
MCAC30N04	DFN5060	N	40	30	0.014	±20	35.7	1	2.5	956	49	150	No
MCAC8D8N04YL	DFN5060	N	40	45	0.0088	±20	31	1.2	2.5	681	49	150	No
MCAC5D9N04Y	DFN5060	N	40	72	0.0059	±20	68	2	4	630	49	175	No
MCAC75N04Y	DFN5060	N	40	75	0.0068	±20	72	2	4	935	26	175	No
MCAC7D0N04L	DFN5060	N	40	75	0.007	±20	83	1	2.5	1900	100	150	No
MCAC4D4N04YL	DFN5060	N	40	80	0.0044	±20	51	1.2	2.5	970	60	175	No
MCAC80N04Y	DFN5060	N	40	80	0.0026	±20	104.2	2	4	3460	200	150	No
MCAC88N04Y	DFN5060	N	40	88	0.0045	±20	68	2	4	861	56	175	No
MCAC1D9N04YL	DFN5060	N	40	95	0.0019	±20	62	1	2.5	4080	400	150	No
MCAC100N04	DFN5060	N	40	100	0.0035	±20	75	1	2.5	4165	400	150	No
MCAC3D5N04Y	DFN5060	N	40	118	0.0035	±20	115	2	4	1513	110	175	No
MCAC120N04Y	DFN5060	N	40	120	0.0031	±20	83	2	4	2144	156	175	No
MCAC130N04	DFN5060	N	40	130	0.00175	±20	115	1	2.5	7140	600	150	No
MCAC140N04Y	DFN5060	N	40	140	0.002	±20	150	1	3	2354	169	175	No
MCAC2D6N04Y	DFN5060	N	40	166	0.0026	±20	125	2	4	2134	182	175	No
MCAC180N04Y	DFN5060	N	40	180	0.002	±20	115	2	4	4383	441	175	No
MCAC1D4N04YL	DFN5060	N	40	185	0.0014	±20	83	1.3	2.3	6330	900	150	No
MCAC30N06Y	DFN5060	N	60	30	0.02	±20	45	1	2.5	2371	100	150	No
MCAC53N06Y	DFN5060	N	60	53	0.0075	±20	69	1.1	2.5	2062	100	150	No

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Part Number	Package	Channel	Drain-Source Voltage	Drain Current	Static Drain-Source On-Resistance	Gate Source Voltage	Power Rating	Gate Threshold Voltage	Gate Threshold Voltage	Input Capacitance	Single Pulse Avalanche Energy	Operating Junction Temperature	ESD Diodes (V/N)
			V _{DS} (V)	I _D (A)	R _{DS(on)} (Ω) @10V	V _{GS} (V)	P _D (W)	V _{GS(th)} (V) (Min)	V _{GS(th)} (V) (Max)	C _{iss} (pF)	E _{AS} (mJ)	T _J (°C)	
MCAC9D6N06YL	DFN5060	N	60	53	0.0096	±20	48	1.3	2.3	875	42	150	No
MCAC012N06H	DFN5060	N	60	60	0.012	±20	104	2	4	1995	265	150	No
MCAC9D5N06YL	DFN5060	N	60	60	0.0095	±20	69	1	3	1390	64	150	No
MCAC65N06Y	DFN5060	N	60	65	0.0057	±20	100	1	2.5	1740	144	175	No
MCAC7D6N06Y	DFN5060	N	60	66	0.0076	±20	62.5	1.5	2.5	1270	153	150	No
MCAC75N06Y	DFN5060	N	60	75	0.0056	±20	75	2	4	1534	169	175	No
MCAC80N06Y	DFN5060	N	60	80	0.0042	±20	85	1.2	2.5	3783	400	150	No
MCAC85N06KY	DFN5060	N	60	85	0.0037	±20	113	1	2.5	4135	400	150	Yes
MCAC95N06Y	DFN5060	N	60	95	0.0028	±20	120	1.2	2.2	5300	800	150	No
MCAC95N06YB	DFN5060	N	60	95	0.0029	±20	120	2	4	4152	800	150	No
MCAC110N06Y	DFN5060	N	60	110	0.0028	±20	104	1	2.5	3196	220	150	No
MCAC2D7N06YL	DFN5060	N	60	120	0.0027	±20	78	1.3	2.3	3500	361	150	No
MCACL2D5N06YL	DFN5060	N	60	140	0.0025	±20	114	1.2	2.5	4320	800	150	No
MCAC160N06Y	DFN5060	N	60	160	0.0025	±20	150	2	4	3586	529	175	No
MCACL2D4N06YL	DFN5060	N	60	200	0.0024	±20	283	1	2.5	2763	242	175	No
MCAC2D6N06YL	DFN5060	N	60	240	0.0026	±20	300	1.3	2.4	3124	272	175	No
MCAC95N065Y	DFN5060	N	65	95	0.0028	±20	120	1.2	2.2	5185	800	150	No
MCAC2D5N065Y	DFN5060	N	65	160	0.0025	±20	150	2	4	3586	529	175	No
MCAC100N08Y	DFN5060	N	80	100	0.0045	±20	152	2	4	5492	600	150	No
MCAC100N08YA	DFN5060	N	80	100	0.0045	±20	152	1	2.5	6268	600	150	No
MCACL170N08Y	DFN5060	N	80	170	0.0025	±20	208	2	4	6452	648	150	No
MCAC25N10Y	DFN5060	N	100	25	0.033	±20	53	1	2.5	509	25	175	No
MCAC031N10Y	DFN5060	N	100	25.5	0.031	±20	45	2.2	3.7	463	29	175	No
MCAC38N10Y	DFN5060	N	100	38	0.0175	±20	59	1	2.5	1166	81	150	No
MCAC38N10YA	DFN5060	N	100	38	0.02	±20	60	2	4	1200	84	150	No
MCAC47N10Y	DFN5060	N	100	47	0.012	±20	68	2	4	1255	98	175	No
MCAC50N10Y	DFN5060	N	100	50	0.006	±20	78	1	3	3060	100	150	No
MCAC55N10Y	DFN5060	N	100	55	0.014	±20	89	1	3	1800	121	150	No
MCAC012N10YL	DFN5060	N	100	58	0.012	±20	100	1	2.5	1396	81	175	No
MCAC014N10Y	DFN5060	N	100	60	0.014	±20	104	1	3	1305	81	150	No
MCAC60N10Y	DFN5060	N	100	60	0.0086	±20	88	2.2	3.4	2346	200	150	No
MCAC60N10YA	DFN5060	N	100	60	0.0086	±20	88	1.3	2.5	2330	200	150	No
MCAC6D5N10YL	DFN5060	N	100	74	0.0065	±20	104	1.1	2.5	2870	289	150	No
MCAC7D5N10YL	DFN5060	N	100	75	0.0075	±20	89	1.3	2.5	2460	225	150	No
MCAC6D5N10Y	DFN5060	N	100	80	0.0065	±20	104	2	3	3280	156	150	No
MCAC80N10Y	DFN5060	N	100	80	0.0043	±20	89	1	3	3375	64	150	No
MCAC8D3N10YH	DFN5060	N	100	81	0.0083	±20	115	2	4	1622	138	175	No
MCAC8D0N10Y	DFN5060	N	100	83	0.008	±20	113	2.2	3.7	1420	121	150	No
MCAC8D5N10Y	DFN5060	N	100	85	0.0085	±20	125	1.4	3	1825	110	150	No
MCAC90N10Y	DFN5060	N	100	90	0.0048	±20	120	2	4	4458	400	150	No
MCAC5D2N10YL	DFN5060	N	100	95	0.0052	±20	104	1.1	2.5	4050	400	150	No
MCAC5D0N10Y	DFN5060	N	100	100	0.005	±20	104	1.4	3	3900	306	150	No
MCAC5D2N10Y	DFN5060	N	100	117	0.0052	±20	138	1.8	3.4	2090	169	150	No
MCAC4D6N10Y	DFN5060	N	100	144	0.0046	±20	178	2.4	3.4	2592	225	150	No

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Part Number	Package	Channel	Drain-Source Voltage	Drain Current	Static Drain-Source On-Resistance	Gate Source Voltage	Power Rating	Gate Threshold Voltage	Gate Threshold Voltage	Input Capacitance	Single Pulse Avalanche Energy	Operating Junction Temperature	ESD Diodes (V/N)
			V _{DS} (V)	I _D (A)	R _{DS(on)} (Ω) @10V	V _{GS} (V)	P _D (W)	V _{GS(th)} (V) (Min)	V _{GS(th)} (V) (Max)	C _{iss} (pF)	E _{AS} (mJ)	T _J (°C)	
MCAC3D4N10YH	DFN5060	N	100	196	0.0034	±20	263	2	4	4738	578	175	No
MCAC88N12	DFN5060	N	120	88	0.0072	±20	120	2	4	4514	400	150	No
MCAC88N12A	DFN5060	N	120	88	0.0076	±20	120	1	3	4643	400	150	No
MCAC150N15Y	DFN5060	N	150	11	0.15	±20	41.6	1.5	2.5	245	2.4	150	No
MCAC15N15Y	DFN5060	N	150	15	0.07	±20	50	2	4	740	4.4	150	No
MCAC57N15Y	DFN5060	N	150	57	0.017	±20	104	2	4	2527	81	150	No
MCAC60N15YA	DFN5060	N	150	60	0.019	±25	125	2	4	2981	25	150	No
MCAC012N15YH	DFN5060	N	150	70	0.0118	±20	125	2	4	3750	361	150	No
MCAC011N15YL	DFN5060	N	150	80	0.0114	±20	178	1.5	2.5	3410	400	150	No
MCAC80N15Y	DFN5060	N	150	80	0.011	±25	178	2	4	5244	144	150	No
MCAC80N15YA	DFN5060	N	150	80	0.013	±20	178	2	4	3180	320	150	No
MCAC246N20YH	DFN5060	N	200	8.4	0.246	±20	40	2.2	3.7	172	30.6	150	No
MCAC055N20YH	DFN5060	N	200	34	0.055	±20	139	2.2	3.8	885	100	150	No
MCAC115P02	DFN5060	P	-20	-115	0.0032	±10	83.3	-0.3	-0.9	5830	400	150	No
MCAC30P03	DFN5060	P	-30	-30	0.016	±20	41.7	-1	-2	1385	60	150	No
MCAC40P03	DFN5060	P	-30	-40	0.009	±20	54	-1	-2.5	2365	180	150	No
MCAC011P03L	DFN5060	P	-30	-50	0.0105	±25	62.5	-1.2	-2.8	1860	100	150	No
MCAC50P03B	DFN5060	P	-30	-50	0.0055	±25	83	-1.2	-2.8	6426	360	150	No
MCAC55P03	DFN5060	P	-30	-55	0.006	±20	104	-1	-2	3399	361	150	No
MCAC8D0P03L	DFN5060	P	-30	-65	0.008	±20	71	-1	-2.5	2360	256	150	No
MCAC3D0P03L	DFN5060	P	-30	-120	0.003	±20	152	-1	-2.1	7259	676	150	No
MCAC030P04L	DFN5060	P	-40	-20	0.03	±20	31	-1.1	-2.5	1080	50	150	No
MCAC50P04	DFN5060	P	-40	-50	0.013	±20	96	-1	-2.5	3302	200	150	No
MCAC012P04L	DFN5060	P	-40	-55	0.012	±20	78	-1	-2.5	2604	132	150	No
MCAC7D5P04L	DFN5060	P	-40	-60	0.0075	±25	83	-1.2	-2.5	4600	400	150	No
MCAC28P06Y	DFN5060	P	-60	-28	0.05	±20	60	-1.5	-2.7	1065	81	150	No
MCAC60P06	DFN5060	P	-60	-60	0.018	±20	130	-2	-3.5	6683	225	175	No
MCAC013P06L	DFN5060	P	-60	-74	0.013	±20	150	-1.2	-2.4	5029	225	175	No
MCAC80P06Y	DFN5060	P	-60	-80	0.008	±18	120	-2	-4	5300	400	150	No
MCAC017P08Y	DFN5060	P	-80	-50	0.017	±18	104	-1.2	-3	5330	600	150	No
MCAC085P10	DFN5060	P	-100	-18	0.085	±20	56.8	-1.5	-2.5	2080	96	150	No
MCAC054P10Y	DFN5060	P	-100	-25	0.054	±20	67	-1.9	-3.5	870	72	150	No
MCAC055P10	DFN5060	P	-100	-25	0.055	±20	63	-1.5	-2.5	3620	144	150	No
MCAC25P10Y	DFN5060	P	-100	-25	0.056	±20	88	-1	-2.5	2077	162	150	No
MCAC150P15YL	DFN5060	P	-150	-14	0.15	±20	62.5	-1.3	-2.5	829	90	150	No
MCACD260N10L	DFN5060-8D	N+N	100	4.9	0.26	±20	14.7	1.1	3	408	4	150	No
MCACD20N10Y	DFN5060-8D	N+N	100	20	0.022	±20	31	1	2.5	1202	64	150	No
MCACD12NP10Y	DFN5060-8D	N+P	100/-100	25/-12	0.026/0.120	±20	41	1.2/-1.2	2.5/-2.5	1270/1120	64/72	150	No
MCACL1D7N04YH	DFN5060-C	N	40	180	0.0017	±20	125	2	4	4317	506	175	No
MCACL200N04YA	DFN5060-C	N	40	200	0.0013	±20	156	1	2.5	7400	625	150	No
MCACL280N04Y	DFN5060-C	N	40	280	0.0008	±20	197	2	4	5413	1458	175	No
MCACLD85N04YL	DFN5060-C	N	40	300	0.00085	±20	136	1	2.5	6125	1250	175	No
MCACL330N04Y	DFN5060-C	N	40	330	0.00085	±20	250	2	4	8098	2000	175	No
MCACL175N06Y	DFN5060-C	N	60	175	0.00225	±20	138	1	2.5	5084	992	150	No

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Part Number	Package	Channel	Drain-Source Voltage	Drain Current	Static Drain-Source On-Resistance	Gate Source Voltage	Power Rating	Gate Threshold Voltage	Gate Threshold Voltage	Input Capacitance	Single Pulse Avalanche Energy	Operating Junction Temperature	ESD Diodes (V/N)
			V _{DS} (V)	I _D (A)	R _{DS(on)} (Ω) @10V	V _{GS} (V)	P _D (W)	V _{GS(th)} (V) (Min)	V _{GS(th)} (V) (Max)	C _{iss} (pF)	E _{AS} (mJ)	T _J (°C)	
MCACL190N06Y	DFN5060-C	N	60	190	0.002	±20	192	2	3.5	3569	512	175	No
MCACL220N06Y	DFN5060-C	N	60	220	0.0016	±20	147	1	2.5	7500	676	150	No
MCACL1D6N06YL	DFN5060-C	N	60	230	0.0016	±20	208	1	2.5	6180	576	150	No
MCACL110N08Y	DFN5060-C	N	80	110	0.0039	±20	125	2	4	5947	846	150	No
MCACL120N10Y	DFN5060-C	N	100	120	0.0042	±20	108	2	4	4551	552	150	No
MCACL120N10YA	DFN5060-C	N	100	120	0.004	±20	116	1	2.5	4400	529	150	No
MCAC130N04Y	PDFN5060	N	40	130	0.0019	±20	150	1.2	2.5	7345	661	175	No
MCACD6D5N03L	PDFN5060-8D	N+N	30	45	0.0065	±20	44	1	2.5	1170	144	150	No
MCACD40NP03	PDFN5060-8D	N+P	30/-30	40/-40	0.009/0.012	±20	50/54	1.0/-1.2	2.5/-2.7	1050/1860	56/90	150	No
MCACD013N04L	PDFN5060-8D	N+N	40	30	0.013	±20	35	1	2.5	970	42	175	No
MCACD60N04Y	PDFN5060-8D	N+N	40	60	0.0055	±20	50	2	4	861	49	175	No
MCACD030N06L	PDFN5060-8D	N+N	60	20	0.03	±20	41	1	2.5	1150	40	150	No
MCACD011N06YL	PDFN5060-8D	N+N	60	48	0.011	±20	44	1.3	2.4	880	35.4	150	No
MCACD8D5N06YL	PDFN5060-8D	N+N	60	50	0.0085	±20	56	1	2.5	1930	88	150	No
MCACD60N06Y	PDFN5060-8D	N+N	60	60	0.0065	±20	50	1	2.5	1740	128	175	No
MCACD6D3N06Y	PDFN5060-8D	N+N	60	60	0.0063	±20	93.7	2	4	1529	121	175	No
MCACD032NP06L	PDFN5060-8D	N+P	60/-60	20/-12	0.032/0.110	±20	41/31	1.0/-1.2	2/-2.2	1150/900	36/36	150	No
MCACD033N10YL	PDFN5060-8D	N+N	100	20	0.033	±20	41	1.2	2.2	500	20	175	No
MCACD014N10Y	PDFN5060-8D	N+N	100	50	0.014	±20	83	1	3	1305	49	150	No
MCACD100NP10L	PDFN5060-8D	N+P	100/-100	10/-12	0.10/0.11	±20	39/44	1.1/-1.0	3/-2.5	850/1060	12/49	150	No
MCACD085P10	PDFN5060-8D	P+P	-100	-17	0.085	±20	59.5	-1.5	-2.5	2110	64	150	No
MCACLS1D6N06YH	PDFN5060-DSCB	N	60	300	0.00168	±20	454	2	4	4746	670	175	No
MCQ4406A	SOP-8	N	30	12	0.012	±20	2.5	1	2.5	1035	56	150	No
MCQ16N03	SOP-8	N	30	16	0.012	±20	2.5	1	3	1035	56	150	No
MCQ18N03	SOP-8	N	30	18	0.007	±20	2.1	1	2.5	1765	121	150	No
MCQ10N04	SOP-8	N	40	10	0.015	±20	3	1	2.5	971	49	150	No
MCQ4438	SOP-8	N	60	8.2	0.022	±20	2.1	1	3	2306	72	150	No
MCQ011N06YL	SOP-8	N	60	10	0.011	±20	2.5	1	3	1390	84	150	No
MCQ10N06Y	SOP-8	N	60	10	0.019	±20	1.9	1	2.5	873	40	150	No
MCQ12N06	SOP-8	N	60	12	0.009	±20	2.5	1.1	2.5	1815	120	150	No
MCQ014N10YL	SOP-8	N	100	11	0.014	±20	2.5	1	3	1800	121	150	No
MCQ12N10Y	SOP-8	N	100	12	0.017	±20	2.1	2	4	1235	80	150	No
MCQ15N10YA	SOP-8	N	100	15	0.0095	±20	2.1	1	3	2350	156	150	No
MCQ05N15	SOP-8	N	150	5	0.063	±25	2	2	4	1179	40	150	No
MCQ070N15YH	SOP-8	N	150	5	0.07	±20	3.5	2	4	750	4.4	150	No
MCQD08N03B	SOP-8	N+N	30	8	0.025	±12	1.6	0.6	1.5	580	16	150	No
MCQD08N03A	SOP-8	N+N	30	8.5	0.023	±20	2.35	1	2.2	367	-	150	No
MCQD12N03A	SOP-8	N+N	30	12	0.012	±20	1.5	1	2.5	1035	56	150	No
MCQ4503B	SOP-8	N+P	30/-30	5.6/-4.4	0.025/0.055	±12	2	0.65/-0.60	1.5/-1.4	573/831	-	150	No
MCQ4503A	SOP-8	N+P	30/-30	6.5/-5.0	0.03/0.06	±20	2	1.2/-1	2.4/-2.5	255/520	-	150	No
MCQ018NP03L	SOP-8	N+P	30/-30	7.0/-5.0	0.018/0.043	±20	2.0/2.0	1.0/-1.1	2.2/-2.4	380/490	-	150	No
MCQ07NP03A	SOP-8	N+P	30/-30	7.0/-7.0	0.018/0.023	±20	1.6	1.0/-1.0	2.2/-2.5	357/1623	-	150	No
MCQD07N04	SOP-8	N+N	40	7	0.032	±20	2.1	1	2.5	390	14	150	No
MCQ11NP04	SOP-8	N+P	40/-40	11/-11	0.032/0.033	±20	2.1/2.3	1.0/-1.0	2.5/-2.5	390/1080	15/45	150	No

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Part Number	Package	Channel	Drain-Source Voltage	Drain Current	Static Drain-Source On-Resistance	Gate Source Voltage	Power Rating	Gate Threshold Voltage	Gate Threshold Voltage	Input Capacitance	Single Pulse Avalanche Energy	Operating Junction Temperature	ESD Diodes (V/N)
			V _{DS} (V)	I _D (A)	R _{DS(on)} (Ω) @10V	V _{GS} (V)	P _D (W)	V _{GS(th)} (V) (Min)	V _{GS(th)} (V) (Max)	C _{iss} (pF)	E _{AS} (mJ)	T _J (°C)	
MCQ03N06	SOP-8	N+N	60	3	0.105	±20	1.7	0.8	1.4	247	-	150	No
MCQD04N06	SOP-8	N+N	60	4	0.075	±20	1.7	0.9	2	400	12	150	No
MCQ4828A	SOP-8	N+N	60	4.5	0.056	±20	1.6	1	3	824	18	150	No
MCQ05N06	SOP-8	N+N	60	5	0.045	±20	1.7	1	3	1363	-	150	No
MCQD05N06	SOP-8	N+N	60	5	0.035	±20	1.6	1	2.5	1152	30	150	No
MCQD08N06	SOP-8	N+N	60	8	0.022	±20	1.6	1	3	2000	49	150	No
MCQD09N06Y	SOP-8	N+N	60	9	0.02	±20	1.7	1	2.5	873	50	150	No
MCQ4559A	SOP-8	N+P	60/-60	4.5/-3.5	0.045/0.080	±20	2	1.0/-1.0	2.5/-2.5	822/2992	24	150	No
MCQ200NP10L	SOP-8	N+P	100/-100	4.0/-4.0	0.27/0.20	±20	1.6	1.0/-1.0	2.5/-2.5	325/1369	2.0/28	150	No
MCQ03NP10L	SOP-8	N+P	100/-100	5.0/-3.0	0.027/0.110	±20	1.3	1.0/-1.0	2.5/-2.5	1170/1050	-	150	No
MCQ14P02	SOP-8	P	-20	-14	-	±10	1.4	-0.4	-1	4224	361	150	No
MCQD04P02	SOP-8	P+P	-20	-4	-	±10	1.4	-0.4	-1	493	12	150	No
MCQ065P03L	SOP-8	P	-30	-4	0.065	±20	1.25	-1	-2.4	260	-	150	No
MCQ9435	SOP-8	P	-30	-5.1	0.05	±20	1.4	-1	-2	604	20	150	No
MCQ4435	SOP-8	P	-30	-9.1	0.024	±20	1.4	-1	-3	1812	20	150	No
MCQ4435A	SOP-8	P	-30	-10	0.024	±20	1.4	-1	-2.5	1630	20	150	No
MCQ4407B	SOP-8	P	-30	-12	0.0125	±25	1.8	-1.2	-2.8	2478	90	150	No
MCQ4407C	SOP-8	P	-30	-12	0.013	±20	2	-1	-2	1735	64	150	No
MCQ4409B	SOP-8	P	-30	-18	0.006	±25	3.1	-1	-2.5	3530	400	150	No
MCQD065P03L	SOP-8	P+P	-30	-4	0.065	±20	1.25	-1	-2.4	260	-	150	No
MCQ4953	SOP-8	P+P	-30	-5	0.05	±20	1.6	-1	-2.5	604	20	150	No
MCQ7328	SOP-8	P+P	-30	-8	0.021	±20	1.4	-1	-2.5	1558	49	150	No
MCQ12P04A	SOP-8	P	-40	-12	0.021	±20	2	-1	-2.5	2500	64	150	No
MCQD08P04	SOP-8	P+P	-40	-8	0.05	±20	1.6	-1	-2.5	1045	36	150	No
MCQD09P04	SOP-8	P+P	-40	-9	0.023	±20	1.7	-1	-2.5	3302	64	150	No
MCQ072P06L	SOP-8	P	-60	-3.5	0.072	±20	1.73	-1	-2	1175	24	150	No
MCQ07P06Y	SOP-8	P	-60	-7	0.047	±20	3.1	-1.3	-2.5	1052	90	150	No
MCQD08P06Y	SOP-8	P+P	-60	-8	0.085	±20	1.9	-1	-2.5	505	24	150	No
MCQD08P06YA	SOP-8	P+P	-60	-8	0.075	±20	1.6	-1	-2.5	500	24	150	No
MCQ095P10	SOP-8	P	-100	-3.1	0.095	±20	1.9	-1.5	-2.5	2100	64	150	No
MCQ05P10Y	SOP-8	P	-100	-4.5	0.11	±20	1.6	-1	-2.5	1062	56	150	No
MCQ02P15	SOP-8	P	-150	-2	0.31	±20	2.5	-1	-3.5	926	25	150	No
MCS2305B	TSSOP-8	P	-20	-8.2	-	±8.0	1.04	-0.55	-0.9	5592	50	150	No
MCT03N06	SOT-223	N	60	3	0.1	±20	2.1	0.5	2	443	-	150	No
MCT04N06	SOT-223	N	60	4	0.088	±20	2	0.9	2	501	-	150	No
MCT05N06	SOT-223	N	60	5	0.035	±20	2.1	1	2.5	1173	-	150	No
MCT04N10A	SOT-223	N	100	4	0.11	±20	2.5	1.1	3	926	-	150	No
MCT04N10B	SOT-223	N	100	4	0.105	±20	1.5	1.1	3	1145	16	150	No
MCT04N15	SOT-223	N	150	4	0.16	±20	1.9	1.5	2.5	1392	1.6	150	No
MCT15P02	SOT-223	P	-20	-15	-	±10	2.1	-0.5	-0.9	1547	16	150	No
MCT06P03	SOT-223	P	-30	-6	0.055	±20	2.1	-1	-2.5	502	-	150	No
MCT04P06	SOT-223	P	-60	-3.5	0.08	±20	2	-1	-3	1495	30	150	No
MCT072P06L	SOT-223	P	-60	-3.5	0.072	±20	1.7	-1	-2	1190	-	150	No
MCT04P06Y	SOT-223	P	-60	-4	0.085	±20	2	-1	-2.5	505	24	150	No

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Part Number	Package	Channel	Drain-Source Voltage	Drain Current	Static Drain-Source On-Resistance	Gate Source Voltage	Power Rating	Gate Threshold Voltage	Gate Threshold Voltage	Input Capacitance	Single Pulse Avalanche Energy	Operating Junction Temperature	ESD Diodes (V/N)
			V _{DS} (V)	I _D (A)	R _{DS(on)} (Ω) @10V	V _{GS} (V)	P _D (W)	V _{GS(th)} (V) (Min)	V _{GS(th)} (V) (Max)	C _{iss} (pF)	E _{AS} (mJ)	T _J (°C)	
MCT055P06Y	SOT-223	P	-60	-5	0.055	±20	1	-1.5	-3	1050	-	150	No
MCT06P10	SOT-223	P	-100	-6	0.205	±20	2.1	-1.2	-2.8	1707	-	150	Yes
MCT08P10Y	SOT-223	P	-100	-8	0.11	±20	2.2	-1	-2.5	1080	-	150	No
MCTL1D4N04YL	TOLL-8L	N	40	210	0.0014	±20	113	1.3	2.3	6140	600	150	No
MCTL270N04Y	TOLL-8L	N	40	270	0.0013	±20	468	2	4	8010	1521	175	No
MCTLD58N04Y	TOLL-8L	N	40	639	0.00058	±20	429	2	4	19547	2964	175	No
MCTL170N06Y	TOLL-8L	N	60	170	0.0024	±20	182	2	4	3667	380	175	No
MCTL1D6N06YH	TOLL-8L	N	60	245	0.0016	±20	167	2	4	7331	100	150	No
MCTL2D0N06YH	TOLL-8L	N	60	250	0.002	±20	240	2.2	3.8	4772	576	150	No
MCTL295N06Y	TOLL-8L	N	60	295	0.002	±20	313	1.5	4	8350	1690	150	No
MCTL1D0N08Y	TOLL-8L	N	80	320	0.001	±20	416	2	4	13030	2401	175	No
MCTL2D4N10Y	TOLL-8L	N	100	185	0.0024	±20	180	2	4	7076	676	175	No
MCTL1D9N10YH	TOLL-8L	N	100	265	0.0019	±20	375	2.2	3.8	9600	1482	175	No
MCTL2D1N10YH	TOLL-8L	N	100	265	0.0021	±20	375	2.2	3.8	9600	1482	175	No
MCTL1D4N10YH	TOLL-8L	N	100	300	0.0014	±20	297	2.5	4.5	10768	1800	150	No
MCTL2D0N10YHR	TOLL-8L	N	100	300	0.002	±20	333	2.2	3.8	6775	2025	175	No
MCTL300N10Y	TOLL-8L	N	100	300	0.00145	±20	500	2	4	13258	648	150	No
MCTL300N10YB	TOLL-8L	N	100	300	0.00155	±20	312	2.1	3.9	10051	2116	150	No
MCTL1D2N10Y	TOLL-8L	N	100	320	0.0012	±20	375	2	4	11558	2400	175	No
MCTL1D5N10YH	TOLL-8L	N	100	360	0.0015	±20	429	2	4	9660	2016	175	No
MCTL160N15Y	TOLL-8L	N	150	160	0.0065	±25	357	2	4	9440	200	150	No
MCTL4D6N15YH	TOLL-8L	N	150	176	0.0046	±20	357	2.2	3.8	5060	1200	175	No
MCTL4D0N15YH	TOLL-8L	N	150	190	0.004	±20	384	2.5	4.5	7046	900	175	No
MCTL80N20Y	TOLL-8L	N	200	80	0.013	±20	250	2	4	10387	1024	150	No
MCTL011N20YH	TOLL-8L	N	200	102	0.011	±20	300	2.2	3.8	3920	625	175	No
MCTT1D9N10YH	TOLT	N	100	272	0.0019	±20	312	2.2	3.8	9600	1225	175	No
MCTT1D7N10Y	TOLT	N	100	333	0.0017	±20	416	2	4	10692	2722	175	No
MCU30N02	DPAK	N	20	30	-	±10	30	0.45	1	1361	50	175	No
MCU60N02	DPAK	N	20	60	-	±10	43	0.4	1	1756	68	175	No
MCU50N03A	DPAK	N	30	50	0.0073	±20	50	1	2.2	1007	53	150	No
MCU80N03	DPAK	N	30	80	0.004	±20	71	0.8	2.5	2090	156	175	No
MCU80N03A	DPAK	N	30	80	0.0055	±20	45	1	2.5	1757	230	175	No
MCU2D5N03L	DPAK	N	30	180	0.0025	±20	105	1	2.5	4575	400	150	No
MCU60N04A	DPAK	N	40	60	0.007	±20	70	0.9	2	1990	100	150	No
MCU90N04Y	DPAK	N	40	90	0.0031	±20	83	2	4	2124	175	175	No
MCU120N04	DPAK	N	40	120	0.0035	±20	125	1	2.5	4336	272	150	No
MCU2D5N04YH	DPAK	N	40	130	0.0025	±20	125	2	4	4300	790	175	No
MCU052N06LK	DPAK	N	60	15	0.052	±20	34.7	1	2.5	545	30	150	Yes
MCU20N06A	DPAK	N	60	20	0.03	±20	40	1	2.5	1117	30	150	No
MCU20N06B	DPAK	N	60	20	0.045	±20	40	1	3	1117	30	150	No
MCU20N06C	DPAK	N	60	20	0.037	±20	125	1	2.5	821	24	150	No
MCU018N06L	DPAK	N	60	32	0.018	±20	41	1	2.5	2000	68	150	No
MCU50N06A	DPAK	N	60	50	0.015	±20	59.5	1	2.5	2515	72	150	No
MCU9D0N06YL	DPAK	N	60	56	0.009	±20	50	1	3	1390	73	175	No

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Part Number	Package	Channel	Drain-Source Voltage	Drain Current	Static Drain-Source On-Resistance	Gate Source Voltage	Power Rating	Gate Threshold Voltage	Gate Threshold Voltage	Input Capacitance	Single Pulse Avalanche Energy	Operating Junction Temperature	ESD Diodes (V/N)
			V _{DS} (V)	I _D (A)	R _{DS(on)} (Ω) @10V	V _{GS} (V)	P _D (W)	V _{GS(th)} (V) (Min)	V _{GS(th)} (V) (Max)	C _{iss} (pF)	E _{AS} (mJ)	T _J (°C)	
MCU60N06	DPAK	N	60	60	0.011	±20	83	2	4	2220	130	150	No
MCU75N06Y	DPAK	N	60	75	0.0048	±20	100	1	2.5	1698	144	175	No
MCU80N06	DPAK	N	60	80	0.013	±20	85	1	2.4	2498	290	175	No
MCU80N06A	DPAK	N	60	80	0.0075	±20	94	1.2	2	1957	150	175	No
MCU90N06A	DPAK	N	60	90	0.0072	±20	110	1	2.5	5377	196	150	No
MCU95N06KY	DPAK	N	60	95	0.0055	±20	156	1	2.5	4050	256	150	Yes
MCU110N06YA	DPAK	N	60	110	0.0044	±20	89	1.2	2.5	5233	722	150	No
MCU110N06YB	DPAK	N	60	110	0.005	±20	83	2	4	4086	722	150	No
MCU110N08Y	DPAK	N	80	110	0.0056	±20	83	1.4	2.5	5200	361	150	No
MCU15N10A	DPAK	N	100	15	0.11	±20	50	1.1	3	1122	9	175	No
MCU15N10B	DPAK	N	100	15	0.09	±20	41	1.2	2.5	1150	20	150	No
MCU20N10	DPAK	N	100	20	0.048	±20	78	1.1	3	2097	10	150	No
MCU20N10A	DPAK	N	100	20	0.045	±20	47	1.2	2.5	2258	16	150	No
MCU031N10Y	DPAK	N	100	24	0.031	±20	42.8	2	4	470	36	175	No
MCU45N10	DPAK	N	100	45	0.017	±20	72	1	3	1165	81	150	No
MCU011N10YL	DPAK	N	100	55	0.011	±20	83	1	3	1380	77	175	No
MCU012N10YL	DPAK	N	100	55	0.012	±20	73	1	3	1812	82	150	No
MCU9D1N10Y	DPAK	N	100	56	0.0091	±20	62.5	1.5	2.9	2120	110	175	No
MCU65N10Y	DPAK	N	100	65	0.0086	±20	96	1.3	2.5	2330	169	150	No
MCU65N10YA	DPAK	N	100	65	0.0095	±20	96	2	4	2270	182	150	No
MCU7D6N10YL	DPAK	N	100	75	0.0076	±20	104	1.3	2.5	2440	169	150	No
MCU7D5N10YL	DPAK	N	100	80	0.0075	±20	104	1.1	2.5	2850	231	150	No
MCU5D8N10YL	DPAK	N	100	100	0.0058	±20	113	1	2.5	4010	282	150	No
MCU010N12Y	DPAK	N	120	88	0.01	±20	208	1	3	4700	380	150	No
MCU062N15YH	DPAK	N	150	18	0.062	±20	62	2	4	785	6.6	150	No
MCU20N15A	DPAK	N	150	20	0.059	±20	50	2	4	1158	-	150	No
MCU019N15YH	DPAK	N	150	55	0.019	±20	150	2	4	2530	256	175	No
MCU05N20A	DPAK	N	200	5	0.6	±20	90	2	4	222	64	150	No
MCU05N20B	DPAK	N	200	5	0.55	±20	78	2	4	333	50	150	No
MCU09N20	DPAK	N	200	9	0.25	±30	83	1	3	541	72	150	No
MCU09N20A	DPAK	N	200	9	0.3	±20	104.2	1	2	488	142	150	No
MCU18N20A	DPAK	N	200	18	0.15	±20	83.3	2	4	894	286	150	No
MCU01N60A	DPAK	N	600	1.3	9	±30	37.8	3	4.2	125	7.2	150	No
MCU05N60A	DPAK	N	600	4.5	2.5	±30	96	2	4	555	210	150	No
MCU20P03	DPAK	P	-30	-20	0.017	±20	35.7	-1	-2	1385	84.5	150	No
MCU014P03L	DPAK	P	-30	-40	0.014	±20	83	-1	-2.5	1220	49	150	No
MCU45P03A	DPAK	P	-30	-45	0.008	±25	62.5	-1.2	-2.8	5091	256	150	No
MCU45P03B	DPAK	P	-30	-45	0.007	±20	78	-0.9	-2.5	3574	132	150	No
MCU6D0P03L	DPAK	P	-30	-70	0.006	±25	83	-1.2	-2.6	3530	232	150	No
MCU45P04A	DPAK	P	-40	-45	0.02	±20	73	-1	-2.5	2539	132	150	No
MCU45P04B	DPAK	P	-40	-45	0.014	±20	56	-1	-2.3	3433	264	150	No
MCU50P04A	DPAK	P	-40	-50	0.015	±20	83	-1	-2.5	3302	100	150	No
MCU60P04A	DPAK	P	-40	-60	0.01	±20	69	-1	-2.5	4766	100	150	No
MCU65P04	DPAK	P	-40	-65	0.014	±20	96	-1	-2.5	3354	132	150	No

Power MOSFETs

Part Number	Package	Channel	Drain-Source Voltage	Drain Current	Static Drain-Source On-Resistance	Gate Source Voltage	Power Rating	Gate Threshold Voltage	Gate Threshold Voltage	Input Capacitance	Single Pulse Avalanche Energy	Operating Junction Temperature	ESD Diodes (V/N)
			V _{DS} (V)	I _D (A)	R _{DS(on)} (Ω) @10V	V _{GS} (V)	P _D (W)	V _{GS(th)} (V) (Min)	V _{GS(th)} (V) (Max)	C _{iss} (pF)	E _{AS} (mJ)	T _J (°C)	
MCU12P06Y	DPAK	P	-60	-12	0.085	±20	30	-1	-2.5	505	35	150	No
MCU055P06L	DPAK	P	-60	-19	0.055	±20	43	-1.2	-2.8	1463	49	175	No
MCU045P06YL	DPAK	P	-60	-23	0.045	±20	50	-1	-2.5	946	56	175	No
MCU30P06Y	DPAK	P	-60	-30	0.055	±20	73	-1.5	-2.7	1057	49	150	No
MCU40P06	DPAK	P	-60	-40	0.025	±20	104	-1	-3	1533	55	150	No
MCU40P06Y	DPAK	P	-60	-40	0.029	±20	83	-1	-2.5	1491	70	150	No
MCU50P06Y	DPAK	P	-60	-50	0.012	±20	89	-1	-3	4600	169	150	No
MCU60P06	DPAK	P	-60	-60	0.018	±20	187	-2	-3.5	6625	289	150	No
MCU013P06L	DPAK	P	-60	-70	0.013	±20	136	-1.2	-2.4	4845	150	175	No
MCU80P06Y	DPAK	P	-60	-80	0.0084	±20	125	-2	-4	5332	400	150	No
MCU12P10	DPAK	P	-100	-12	0.2	±20	40	-1	-3	1055	110	150	Yes
MCU18P10Y	DPAK	P	-100	-18	0.11	±20	70	-1	-2.5	1050	100	150	No
MCU085P10	DPAK	P	-100	-20	0.085	±20	104	-1.5	-2.5	2070	81	150	No
MCU20P10	DPAK	P	-100	-20	0.116	±20	70	-1	-3	2100	225	150	Yes
MCU055P10	DPAK	P	-100	-28	0.055	±20	89	-1.5	-2.5	3480	118	150	No
MCU28P10Y	DPAK	P	-100	-28	0.058	±20	96	-1	-2.5	2077	110	150	No
MCU10P15	DPAK	P	-150	-10	0.31	±20	69	-1	-3.5	926	36	150	No
MCU150P15YL	DPAK	P	-150	-13	0.15	±20	56.8	-1	-2.5	830	59	150	No
MCB95N04Y	D2-PAK	N	40	95	0.003	±20	83	2	4	2138	156	175	No
MCB160N04Y	D2-PAK	N	40	160	0.00185	±20	150	1	2.5	7040	625	150	No
MCB220N04Y	D2-PAK	N	40	220	0.0015	±20	250	2	4	7864	900	175	No
MCB80N06Y	D2-PAK	N	60	80	0.0055	±20	125	1	2.5	1677	145	175	No
MCB85N06Y	D2-PAK	N	60	85	0.013	±20	85	1	2.4	2498	290	150	No
MCB5D0N06YH	D2-PAK	N	60	90	0.005	±20	93.7	2	4	1550	132	175	No
MCB145N06Y	D2-PAK	N	60	145	0.0075	±20	91	1.2	2.5	1913	144	150	No
MCB150N06KY	D2-PAK	N	60	150	0.0035	±20	147	1	2.5	4258	441	150	Yes
MCB200N06Y	D2-PAK	N	60	200	0.0029	±20	260	1.2	2.2	5200	500	150	No
MCB200N06YA	D2-PAK	N	60	200	0.0032	±20	260	2.2	3.8	4110	506	150	No
MCB200N06YB	D2-PAK	N	60	200	0.0029	±20	260	1.2	2.2	5450	506	150	No
MCB120N08Y	D2-PAK	N	80	120	0.0045	±20	208	2	4	5112	506	150	No
MCB118N085Y	D2-PAK	N	85	118	0.006	±20	156	2	4	4140	380	150	No
MCB55N10YA	D2-PAK	N	100	55	0.02	±20	69	2	4	1199	144	150	No
MCB011N10YL	D2-PAK	N	100	63	0.011	±20	100	1	3	1404	100	175	No
MCB70N10YA	D2-PAK	N	100	70	0.0086	±20	125	1	3	2298	200	150	No
MCB70N10YB	D2-PAK	N	100	70	0.0086	±20	125	2	4	2365	200	150	No
MCB8D3N10YH	D2-PAK	N	100	75	0.0083	±20	100	2	4	1385	156	175	No
MCB130N10YA	D2-PAK	N	100	130	0.0046	±20	250	2	4	4370	289	150	No
MCB130N10YB	D2-PAK	N	100	130	0.005	±20	192	1	2.5	4450	360	150	No
MCB3D9N10YHR	D2-PAK	N	100	140	0.0039	±20	246	2	4	4673	506	175	No
MCB2D7N10YH	D2-PAK	N	100	170	0.0027	±20	214	2.2	3.8	9440	900	175	No
MCB180N10Y	D2-PAK	N	100	180	0.0033	±20	250	2	4	8996	1568	150	No
MCB3D0N10Y	D2-PAK	N	100	190	0.003	±20	230	2	4	7076	600	175	No
MCB2D5N10Y	D2-PAK	N	100	246	0.0025	±20	56.8	2	4	10730	1440	175	No
MCB2D8N10YHR	D2-PAK	N	100	250	0.0028	±20	375	2.3	3.7	5650	1225	175	No

MOSFETs

Power MOSFETs

Part Number	Package	Channel	Drain-Source Voltage	Drain Current	Static Drain-Source On-Resistance	Gate Source Voltage	Power Rating	Gate Threshold Voltage	Gate Threshold Voltage	Input Capacitance	Single Pulse Avalanche Energy	Operating Junction Temperature	ESD Diodes (V/N)
			V _{DS} (V)	I _D (A)	R _{DS(on)} (Ω) @10V	V _{GS} (V)	P _D (W)	V _{GS(th)} (V) (Min)	V _{GS(th)} (V) (Max)	C _{iss} (pF)	E _{AS} (mJ)	T _J (°C)	
MCB90N12	D2-PAK	N	120	90	0.0072	±20	260	2	4	4514	306	150	No
MCB90N12A	D2-PAK	N	120	90	0.009	±20	139	1	3	4604	400	150	No
MCB70N15Y	D2-PAK	N	150	70	0.017	±20	180	2	4	2517	220	175	No
MCB7D2N15YH	D2-PAK	N	150	113	0.0072	±20	230	2.4	3.6	6280	400	175	No
MCB6D5N15YH	D2-PAK	N	150	115	0.0065	±20	227	2	4	7500	784	150	No
MCB220N15Y	D2-PAK	N	150	220	0.0065	±20	312.5	2	4	9177	500	150	No
MCB2D4P04YL	D2-PAK	P	-40	-130	0.0024	±20	227	-1	-2.5	11266	1225	150	No
MCB110P06Y	D2-PAK	P	-60	-110	0.0084	±20	125	-2	-3.5	5352	625	150	No
MCB40P10Y	D2-PAK	P	-100	-40	0.056	±20	125	-1	-2.5	2087	132	150	No
MCBS220N04Y	TO-263-7	N	40	220	0.0011	±20	188	2	4	7967	760	175	No
MCBS260N10Y	TO-263-7	N	100	260	0.0018	±20	375	2	4	10589	1122	175	No
MCP3D2N10YH	TO-220AB(B)	N	100	190	0.0032	±20	230	2	4	7076	632	175	No
MCP2D5N10Y	TO-220AB(B)	N	100	252	0.0025	±20	300	2	4	10700	1440	175	No
MCP7D4N15Y	TO-220AB(B)	N	150	119	0.0074	±20	223	2	4	6280	380	150	No
MCP012N20YH	TO-220AB(B)	N	200	95	0.012	±20	288	2	4	3920	470	175	No
MCP2D0N04YL	TO-220AB(H)	N	40	180	0.002	±20	312	1	2.5	7400	864	150	No
MCP65N06	TO-220AB(H)	N	60	65	0.011	±20	104	2	4	2220	125	150	No
MCP90N06Y	TO-220AB(H)	N	60	90	0.0075	±20	83	1	2.5	1949	141	150	No
MCP200N06Y	TO-220AB(H)	N	60	200	0.0032	±20	208	2	4	4110	506	150	No
MCP120N08Y	TO-220AB(H)	N	80	120	0.0048	±20	178	2	4	5223	702	150	No
MCP118N085Y	TO-220AB(H)	N	85	118	0.0065	±20	208	2	4	4150	351	150	No
MCP017N10Y	TO-220AB(H)	N	100	39	0.017	±20	52	2	4	1385	77	150	No
MCP75N10Y	TO-220AB(H)	N	100	75	0.0086	±20	156	2	4	2270	182	150	No
MCP9D0N10YH	TO-220AB(H)	N	100	79	0.009	±20	115	2	4	1668	132	175	No
MCP130N10YA	TO-220AB(H)	N	100	130	0.0055	±20	250	2	4	4458	552	150	No
MCP130N10YB	TO-220AB(H)	N	100	130	0.0055	±20	250	1	2.5	4450	340	150	No
MCP2D6N10Y	TO-220AB(H)	N	100	240	0.0026	±20	208	2	4	13760	1625	150	No
MCP90N12A	TO-220AB(H)	N	120	90	0.009	±20	150	1	3	4513	441	150	No
MCP9D0N12YH	TO-220AB(H)	N	120	90	0.009	±20	147	2.2	3.8	4650	462	150	No
MCP70N15Y	TO-220AB(H)	N	150	70	0.02	±20	150	2	4	2508	168	175	No
MCP70N15YA	TO-220AB(H)	N	150	70	0.021	±20	136	3	5	2511	192	175	No
MCP012N15YH	TO-220AB(H)	N	150	82	0.012	±20	178	2	4	3750	400	150	No
MCP18N20A	TO-220AB(H)	N	200	18	0.15	±20	179	2	4	877	330	150	No
MCP80P06Y	TO-220AB(H)	P	-60	-80	0.0084	±20	89	-2	-3.5	5322	729	150	No
MCP60P06	TO-220AB(H)	P	-60	-60	0.018	±20	130	-2	-3.5	6504	722	175	No
MCP056P10YL	TO-220AB(H)	P	-100	-27	0.056	±20	83	-1	-2.5	2166	110	150	No
MCPF90N12A	TO-220F	N	120	90	0.009	±20	78	1	3	4604	441	150	No
MCPF065N15YH	TO-220F	N	150	15	0.065	±20	41	2	4	785	6.6	150	No
MCPF18N20A	TO-220F	N	200	18	0.15	±20	36	2	4	877	330	150	No
MCPF80P06Y	TO-220F	P	-60	-80	0.01	±20	83	-2	-4	5415	729	150	No
MCW200N10YA	TO-247	N	100	200	0.0027	±20	375	2	4	10051	705	175	No
MCW220N10Y	TO-247	N	100	220	0.0024	±20	375	2	4	10051	902	175	No
MCW099N60SH	TO-247	N	600	30.5	0.103	±30	236	2.5	4.5	2224	16	150	No

Super Junction MOSFETs

Part Number	Package	Channel	Drain-Source Voltage	Drain Current	Static Drain-Source On-Resistance	Gate Source Voltage	Power Rating	Gate Threshold Voltage	Gate Threshold Voltage	Input Capacitance	Single Pulse Avalanche Energy	Operating Junction Temperature	ESD Diodes (V/N)
			V _{DS} (V)	I _D (A)	R _{DS(on)} (Ω) @10V	V _{GS} (V)	P _D (W)	V _{GS(th)} (V) (Min)	V _{GS(th)} (V) (Max)	C _{iss} (pF)	E _{AS} (mJ)	T _J (°C)	
MSJAC11N50B	DFN5060	N	500	11	0.42	±30	83	2	4	728	80	150	No
SL01N65	SOT-23-3L	N	650	1	11	±30	1.6	2	4	34	-	150	No
MCB075N60SH	D2-PAK	N	600	23	0.078	±30	106	3	5	3202	132	150	No
MSJL120N60FH	DFN8080A	N	600	30	0.12	±30	266	3	5	2240	18	150	No
MSJL20N60A	DFN8080A	N	600	20	0.219	±30	178	2	4	1468	120	150	No
MCU600N60SH	DPAK	N	600	6.3	0.613	±30	52	2.5	4.5	392	54	150	No
MSJPF20N60	TO-220AB(H)	N	600	17.9	0.204	±30	138	3	5	1240	160	150	No
MSJPF20N60	TO-220F	N	600	12.3	0.204	±30	62.5	3	5	1240	160	150	No
MCW070N60SH	TO-247	N	600	38	0.07	±30	260	2.5	4.5	3146	56	150	No
MCW075N60FH	TO-247	N	600	41	0.078	±30	312.5	3	5	3202	132	150	No
MCW105N60FH	TO-247	N	600	30.6	0.114	±30	240	3	5	2240	42.25	150	No
MSJW47N60A	TO-247	N	600	47	0.091	±30	278	2	4	4476	300	150	No
MSJWFR60N60	TO-247AB(E)	N	600	58	0.035	±30	223	3	5	8078	2371	150	No
MCTK075N60FH	TOLL-8L-KS	N	600	19.5	0.078	±30	88	3	5	3202	132	150	No
MCTK105N60FH	TOLL-8L-KS	N	600	17.5	0.114	±30	107	3	5	2240	365	150	No
MSJB14N65A	D2-PAK	N	650	14	0.4	±30	139	2	4	750	100	150	No
MSJAC11N65B	DFN5060	N	650	11	0.38	±30	89	2	4	768	30	150	No
MCU600N65SH	DPAK	N	650	6.6	0.613	±30	59.5	2.5	4.5	411	34	150	No
MCU655N65FH	DPAK	N	650	7	0.672	±30	73.5	3	5	412.5	2.88	150	No
MDTU380N65H	DPAK	N	650	8.7	0.38	±30	73	2.2	3.8	625	93.75	150	No
MSJU07N65A	DPAK	N	650	7	0.6	±30	78	2	4	529	90	150	No
MSJU11N65A	DPAK	N	650	11	0.396	±30	83	2	4	774	142	150	No
MCT01N65	SOT-223	N	650	1	11	±30	2	2	4	34	-	150	No
MCT01N65K	SOT-223	N	650	1	11	±30	2	2	4	34	-	150	Yes
MSJP11N65A	TO-220	N	650	11	0.396	±30	83	2	4	774	142	150	No
MSJP09N65A	TO-220AB(H)	N	650	9	0.96	±30	113	2	4	383	70	150	No
MSJP14N65A	TO-220AB(H)	N	650	14	0.31	±30	147	2	4	1038	88	150	No
MSJP20N65A	TO-220AB(H)	N	650	20	0.19	±30	73.5	2	4	1750	303	150	No
MCPF180N65SH	TO-220F	N	650	8.8	0.186	±30	48	2.5	4.5	1240	138	150	No
MSJPF11N65	TO-220F	N	650	11	0.408	±30	31.3	2.5	4	901	211	150	No
MSJPF11N65A	TO-220F	N	650	11	0.396	±30	31.3	2	4	774	142	150	No
MSJPF20N65A	TO-220F	N	650	20	0.19	±30	39	2	4	1750	303	150	No
MSJW20N65A	TO-247	N	650	20	0.19	±30	250	2	5	1740	485	150	No
MSJB06N80A	D2-PAK	N	800	6	1.2	±30	125	2.5	4.5	386	50	150	Yes
MSJB11N80A	D2-PAK	N	800	11	0.47	±20	156	2.5	4.5	958	142	150	Yes
MSJB17N80	D2-PAK	N	800	17	0.29	±30	180	2	4	1860	300	150	No
MCU450N80SHK	DPAK	N	800	12	0.468	±20	166	2.5	4.5	924	2.7	150	Yes
MSJU04N80A	DPAK	N	800	4.5	1.3	±20	88	2.5	4.5	386	50	150	Yes
MSJU06N80A	DPAK	N	800	6	0.95	±20	56.8	2.5	4.5	502	39.5	150	Yes
MSJP11N80A	TO-220	N	800	11	0.47	±20	250	2.5	4.5	918	142	150	Yes
MSJP06N80A	TO-220AB(H)	N	800	6	1.2	±30	96	2.5	4.5	349	54	150	Yes
MSJP07N80A	TO-220AB(H)	N	800	7	0.95	±20	104	2.5	4.5	502	32	150	Yes
MCPF650N80SHK	TO-220F	N	800	6	0.66	±20	57.5	2.5	4.5	660	8.6	150	Yes
MSJPF06N80A	TO-220F	N	800	6	1.2	±30	50	2.5	4.5	349	54	150	Yes

MOSFETs

Super Junction MOSFETs

Part Number	Package	Channel	Drain-Source Voltage	Drain Current	Static Drain-Source On-Resistance	Gate Source Voltage	Power Rating	Gate Threshold Voltage	Gate Threshold Voltage	Input Capacitance	Single Pulse Avalanche Energy	Operating Junction Temperature	ESD Diodes (V/N)
			V _{DS} (V)	I _D (A)	R _{DS(on)} (Ω) @10V	V _{GS} (V)	P _D (W)	V _{GS(th)} (V) (Min)	V _{GS(th)} (V) (Max)	C _{iss} (pF)	E _{AS} (mJ)	T _J (°C)	
MSJPF07N80A	TO-220F	N	800	7	0.95	±20	78	2.5	4.5	502	32	150	Yes
MSJPF11N80A	TO-220F	N	800	11	0.47	±20	25	2.5	4.5	958	142	150	Yes
MCU5K0N90SH	DPAK	N	900	1.65	5.16	±30	25.3	2	4	148	3.1	150	No
MSJU05N90A	DPAK	N	900	5	1.49	±30	83	2	3.5	476	68	150	No
MCD5K0N90SH	SOT-223-2L	N	900	1	5.52	±30	10.8	2	4	148	3.1	150	No
MSJP08N90A	TO-220AB(H)	N	900	8	1.62	±30	113	2	4	476	81	150	No
MSJPF08N90A	TO-220F	N	900	8	1.3	±30	89	2	4	469	45	150	No
MCU1K4N95SH	DPAK	N	950	5	1.49	±30	83	2	4	456	66	150	No
MCPF1K4N95SH	TO-220F	N	950	3.4	1.49	±30	46.8	2	4	469	158	150	No

Wide SOA MOSFETs

Part Number	Package	Channel	Drain-Source Voltage	Drain Current	Static Drain-Source On-Resistance	Gate Source Voltage	Power Rating	Gate Threshold Voltage	Gate Threshold Voltage	Input Capacitance	Single Pulse Avalanche Energy	Operating Junction Temperature	ESD Diodes (V/N)
			V _{DS} (V)	I _D (A)	R _{DS(on)} (Ω) @10V	V _{GS} (V)	P _D (W)	V _{GS(th)} (V) (Min)	V _{GS(th)} (V) (Max)	C _{iss} (pF)	E _{AS} (mJ)	T _J (°C)	
MCTL2D0N10YHR	TOLL-8L	N	100	300	0.002	±20	333	2.2	3.8	6775	2025	175	No
MCB2D8N10YHR	D2-PAK	N	100	250	0.0028	±20	375	2.3	3.7	5650	1225	175	No
MCB3D9N10YHR	D2-PAK	N	100	140	0.0039	±20	246	2	4	4673	506	175	No