

MOSFETs

§ Small Signal MOSFETs

§ Power MOSFETs

§ Wide SOA MOSFETs

MOSFETs



Automotive 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	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)	T_J ($^{\circ}$ C)	
SI2312HE3	SOT-23	N	20	5	-	± 8	1.25	0.45	1	668	150	No
SI3404HE3	SOT-23	N	30	5.6	0.028	± 20	1.2	1	3	373	150	No
SI3400AHE3	SOT-23	N	30	5.8	0.027	± 12	1.04	0.7	1.4	586	150	No
SI02N04AKHE3	SOT-23	N	40	2.5	0.091	± 20	1.1	1	2.5	150	150	Yes
BSS138AHE3	SOT-23	N	50	0.22	1.6	± 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	± 20	0.35	1	2.5	16	150	Yes
SI2310AHE3	SOT-23	N	60	3	0.1	± 20	1.2	0.9	2	546	150	No
BSS123KHE3	SOT-23	N	100	0.28	4.6	± 20	0.78	1.5	2.5	32	150	Yes
SI5618HE3	SOT-23	P	-60	-1.9	0.18	± 20	1	-1	-3	600	150	No
BSS84KHE3	SOT-23	P	-60	-0.4	2.9	± 20	0.96	-1	-2.5	33	150	Yes
BSS84HE3	SOT-23	P	-60	-0.2	3.6	± 20	0.5	-0.9	-2	27	175	No
SI3401AHE3	SOT-23	P	-30	-4.4	0.06	± 12	1.2	-0.7	-1.3	831	150	No
SI3407HE3	SOT-23	P	-30	-4.1	0.049	± 20	1.3	-1	-2.4	592	150	No
SI2305CHE3	SOT-23	P	-20	-5.4	-	± 12	1.3	-0.5	-1	770	150	No
SI2305BHE3	SOT-23	P	-20	-4.2	-	± 10	1.4	-0.5	-0.9	770	150	No
SI3415CHE3	SOT-23	P	-20	-3.9	-	± 10	1	-0.55	-1.25	540	150	Yes
SI2301AHE3	SOT-23	P	-20	-3.4	-	± 10	1	-0.4	-1	480	150	No
SI2301HE3	SOT-23	P	-20	-2.4	-	± 12	1.1	-0.5	-1.5	418	150	Yes
SL02P06YHE3	SOT-23-3L	P	-60	-2.5	0.12	± 20	1.3	-1	-2.5	302	150	No
SIL2429HE3	SOT23-6L	N+P	20/-20	2.0/-1.6	-	± 10	0.67	0.55/-0.4	1.1/-1.0	188/214	150	No
SIL3400AHE3	SOT23-6L	N	30	5.8	0.026	± 12	1.8	0.5	1.5	580	150	No
SIL05N06HE3	SOT23-6L	N	60	5	0.043	± 20	1.8	1	2.5	1175	150	No
SIL04P06YHE3	SOT23-6L	P	-60	-3.5	0.085	± 20	1.7	-1	-2.5	491	150	No
SIL2305CHE3	SOT23-6L	P	-20	-5.6	-	± 12	1.8	-0.5	-1	770	150	No
SIL3415CHE3	SOT23-6L	P	-20	-5	-	± 10	1	-0.5	-1.25	540	150	Yes
SI2102AHE3	SOT-323	N	20	2	-	± 10	0.357	0.5	1.1	210	150	No
2N7002KWBQ	SOT-323	N	60	0.3	2	± 20	0.416	1	2.5	18	175	Yes
2N7002KWHE3	SOT-323	N	60	0.34	2.5	± 20	0.33	1	2	15	150	Yes
BSS84WHE3	SOT-323	P	-60	-0.2	3.6	± 20	0.3	-0.9	-2	26	175	No
SI2101AHE3	SOT-323	P	-20	-1.2	-	± 10	0.3	-0.3	-1	221	150	No
BSS138AKDWHE3	SOT-363	N+N	50	0.22	1.6	± 20	0.32	0.8	1.45	29.5	150	Yes
2N7002KDWBQ	SOT-363	N+N	60	0.22	2.5	± 20	0.24	0.8	2.4	25	150	Yes
2SK3019HE3	SOT-523	N	30	0.115	4	± 20	0.29	0.8	1.5	16	150	Yes
MCT05N06HE3	SOT-223	N	60	5	0.035	± 20	2.1	1	2.5	1173	150	No
MCU40N04HE3	DPAK	N	40	40	0.013	± 20	56	1	2.5	1000	150	No
MCU7D2N04YHQ	DPAK	N	40	60	0.0072	± 20	73	2	4	1000	175	No
MCU6D0N04YHQ	DPAK	N	40	72	0.006	± 20	55	2	4	1085	175	No
MCU90N04YHE3	DPAK	N	40	90	0.0031	± 20	83	2	4	2124	175	No
MCU3D8N04YHQ	DPAK	N	40	100	0.0038	± 20	83	2.2	3.8	1745	175	No
MCU3D6N04YQ	DPAK	N	40	110	0.0036	± 20	93	2	3.6	2371	175	No
MCU2D5N04YHQ	DPAK	N	40	130	0.0025	± 20	125	2	4	4300	175	No
MCU2D8N04YHQ	DPAK	N	40	160	0.0028	± 20	125	2	4	3344	175	No
MCU20N06BHE3	DPAK	N	60	20	0.043	± 20	40	1	2.5	1135	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)	T_J ($^{\circ}$ C)	
MCACD30N04HE3	PDFN5060-8D	N+N	40	30	0.015	\pm 20	35	1	2.5	1030	150	No
MCACD50N04YHE3	PDFN5060-8D	N+N	40	50	0.0051	\pm 20	42	1	2	1392	150	No
MCACD55N04YHE3	PDFN5060-8D	N+N	40	55	0.0085	\pm 20	60	2	4	935	175	No
MCACD60N04YHE3	PDFN5060-8D	N+N	40	60	0.0055	\pm 20	50	2	4	861	175	No
MCACD6D7N04YHHE3	PDFN5060-8D	N+N	40	60	0.0067	\pm 20	42.9	2	4	625	175	No
MCACD5D0N04YHQ	PDFN5060-8D	N+N	40	85	0.005	\pm 20	75	2.2	3.8	1745	175	No
MCACD20N06HE3	PDFN5060-8D	N+N	60	20	0.03	\pm 20	35.7	1	2.5	1191	150	No
MCACD50N06YHE3	PDFN5060-8D	N+N	60	50	0.009	\pm 20	69	1	2.5	2100	150	No
MCACD60N06YHE3	PDFN5060-8D	N+N	60	60	0.0065	\pm 20	50	1	2.5	1740	175	No
MCACD6D3N06YHE3	PDFN5060-8D	N+N	60	60	0.0063	\pm 20	93.7	2	4	1529	175	No
MCACD033N10YLHE3	PDFN5060-8D	N+N	100	20	0.033	\pm 20	41	1.2	2.2	520	175	No
MCACD20N10YHE3	PDFN5060-8D	N+N	100	20	0.022	\pm 20	50	1	2.5	1240	150	No
MCACD12NP10YHE3	PDFN5060-8D	N+P	100/-100	40/-12	0.024/0.115	\pm 20	104/69	1.2/-1.2	2.5/-2.5	1270/1120	150	No

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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	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)	T_J ($^{\circ}$ C)	
MCTL2D0N10YHR	TOLL-8L	N	100	300	0.002	\pm 20	333	2.2	3.8	6775	175	No

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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	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)	T_J ($^{\circ}$ C)	
MCU30N02	DPAK	N	20	30	-	\pm 10	30	0.45	1	1361	175	No
MCU60N02	DPAK	N	20	60	-	\pm 10	43	0.4	1	1756	175	No
MCU50N03A	DPAK	N	30	50	0.0073	\pm 20	50	1	2.2	1007	150	No
MCU80N03	DPAK	N	30	80	0.004	\pm 20	71	0.8	2.5	2090	175	No
MCU80N03A	DPAK	N	30	80	0.0055	\pm 20	45	1	2.5	1757	175	No
MCU60N04A	DPAK	N	40	60	0.007	\pm 20	70	0.9	2	1990	150	No
MCU90N04Y	DPAK	N	40	90	0.0031	\pm 20	83	2	4	2124	175	No
MCU120N04	DPAK	N	40	120	0.0035	\pm 20	125	1	2.5	4336	150	No
MCU20N06A	DPAK	N	60	20	0.03	\pm 20	40	1	2.5	1117	150	No
MCU20N06B	DPAK	N	60	20	0.045	\pm 20	40	1	3	1117	150	No
MCU20N06C	DPAK	N	60	20	0.037	\pm 20	125	1	2.5	821	150	No
MCU018N06L	DPAK	N	60	32	0.018	\pm 20	41	1	2.5	2000	150	No
MCU50N06A	DPAK	N	60	50	0.015	\pm 20	59.5	1	2.5	2515	150	No
MCU9D0N06YL	DPAK	N	60	56	0.009	\pm 20	50	1	3	1390	175	No
MCU60N06	DPAK	N	60	60	0.011	\pm 20	83	2	4	2220	150	No
MCU75N06Y	DPAK	N	60	75	0.0048	\pm 20	100	1	2.5	1698	175	No
MCU80N06	DPAK	N	60	80	0.013	\pm 20	85	1	2.4	2498	175	No
MCU80N06A	DPAK	N	60	80	0.0075	\pm 20	94	1.2	2	1957	175	No
MCU90N06A	DPAK	N	60	90	0.0072	\pm 20	110	1	2.5	5377	150	No
MCU95N06KY	DPAK	N	60	95	0.0055	\pm 20	156	1	2.5	4050	150	Yes
MCU110N06YA	DPAK	N	60	110	0.0044	\pm 20	89	1.2	2.5	5233	150	No
MCU110N06YB	DPAK	N	60	110	0.005	\pm 20	83	2	4	4086	150	No
MCU110N08Y	DPAK	N	80	110	0.0056	\pm 20	83	1.4	2.5	5200	150	No
MCU15N10A	DPAK	N	100	15	0.11	\pm 20	50	1.1	3	1122	175	No
MCU15N10B	DPAK	N	100	15	0.09	\pm 20	41	1.2	2.5	1150	150	No
MCU20N10	DPAK	N	100	20	0.048	\pm 20	78	1.1	3	2097	150	No
MCU20N10A	DPAK	N	100	20	0.045	\pm 20	47	1.2	2.5	2258	150	No
MCU45N10	DPAK	N	100	45	0.017	\pm 20	72	1	3	1165	150	No
MCU011N10YL	DPAK	N	100	55	0.011	\pm 20	83	1	3	1380	175	No
MCU012N10YL	DPAK	N	100	55	0.012	\pm 20	73	1	3	1812	150	No
MCU65N10Y	DPAK	N	100	65	0.0086	\pm 20	96	1.3	2.5	2330	150	No
MCU65N10YA	DPAK	N	100	65	0.0095	\pm 20	96	2	4	2270	150	No
MCU7D6N10YL	DPAK	N	100	75	0.0076	\pm 20	104	1.3	2.5	2440	150	No
MCU7D5N10YL	DPAK	N	100	80	0.0075	\pm 20	104	1.1	2.5	2850	150	No
MCU5D8N10YL	DPAK	N	100	100	0.0058	\pm 20	113	1	2.5	4010	150	No
MCU010N12Y	DPAK	N	120	88	0.01	\pm 20	208	1	3	4700	150	No
MCU062N15YH	DPAK	N	150	18	0.062	\pm 20	62	2	4	785	150	No
MCU20N15A	DPAK	N	150	20	0.059	\pm 20	50	2	4	1158	150	No
MCU019N15YH	DPAK	N	150	55	0.019	\pm 20	150	2	4	2530	175	No
MCU05N20A	DPAK	N	200	5	0.6	\pm 20	90	2	4	222	150	No
MCU05N20B	DPAK	N	200	5	0.55	\pm 20	78	2	4	333	150	No
MCU09N20	DPAK	N	200	9	0.25	\pm 30	83	1	3	541	150	No
MCU09N20A	DPAK	N	200	9	0.3	\pm 20	104.2	1	2	488	150	No
MCU18N20A	DPAK	N	200	18	0.15	\pm 20	83.3	2	4	894	150	No

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Power MOSFETs

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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)	T _J (°C)	
MCU01N60A	DPAK	N	600	1.3	9	±30	37.8	3	4.2	125	150	No
MCU05N60A	DPAK	N	600	4.5	2.5	±30	96	2	4	555	150	No
MCU105P15YL	DPAK	P	-150	-25	0.105	±20	147	-1	-2.5	3335	150	No
MCU10P15	DPAK	P	-150	-10	0.31	±20	69	-1	-3.5	926	150	No
MCU055P10	DPAK	P	-100	-28	0.055	±20	89	-1.5	-2.5	3480	150	No
MCU28P10Y	DPAK	P	-100	-28	0.058	±20	96	-1	-2.5	2077	150	No
MCU085P10	DPAK	P	-100	-20	0.085	±20	104	-1.5	-2.5	2070	150	No
MCU20P10	DPAK	P	-100	-20	0.116	±20	70	-1	-3	2100	150	Yes
MCU18P10Y	DPAK	P	-100	-18	0.11	±20	70	-1	-2.5	1050	150	No
MCU12P10	DPAK	P	-100	-12	0.2	±20	40	-1	-3	1055	150	Yes
MCU80P06Y	DPAK	P	-60	-80	0.0084	±20	125	-2	-4	5332	150	No
MCU60P06	DPAK	P	-60	-60	0.018	±20	187	-2	-3.5	6625	150	No
MCU50P06Y	DPAK	P	-60	-50	0.012	±20	89	-1	-3	4600	150	No
MCU40P06	DPAK	P	-60	-40	0.025	±20	104	-1	-3	1533	150	No
MCU40P06Y	DPAK	P	-60	-40	0.029	±20	83	-1	-2.5	1491	150	No
MCU30P06Y	DPAK	P	-60	-30	0.055	±20	73	-1.5	-2.7	1057	150	No
MCU25P06	DPAK	P	-60	-25	0.045	±20	90	-2	-3.5	3430	150	No
MCU045P06YL	DPAK	P	-60	-23	0.045	±20	50	-1	-2.5	946	175	No
MCU12P06Y	DPAK	P	-60	-12	0.085	±20	30	-1	-2.5	505	150	No
MCU65P04	DPAK	P	-40	-65	0.014	±20	96	-1	-2.5	3354	150	No
MCU60P04A	DPAK	P	-40	-60	0.01	±20	69	-1	-2.5	4766	150	No
MCU50P04A	DPAK	P	-40	-50	0.015	±20	83	-1	-2.5	3302	150	No
MCU45P04A	DPAK	P	-40	-45	0.02	±20	73	-1	-2.5	2539	150	No
MCU45P04B	DPAK	P	-40	-45	0.014	±20	56	-1	-2.3	3433	150	No
MCU6D0P03L	DPAK	P	-30	-70	0.006	±25	83	-1.2	-2.6	3530	150	No
MCU45P03A	DPAK	P	-30	-45	0.008	±25	62.5	-1.2	-2.8	5091	150	No
MCU45P03B	DPAK	P	-30	-45	0.007	±20	78	-0.9	-2.5	3574	150	No
MCU20P03	DPAK	P	-30	-20	0.017	±20	35.7	-1	-2	1385	150	No
MCB95N04Y	D2-PAK	N	40	95	0.003	±20	83	2	4	2138	175	No
MCB160N04Y	D2-PAK	N	40	160	0.00185	±20	150	1	2.5	7040	150	No
MCB220N04Y	D2-PAK	N	40	220	0.0015	±20	250	2	4	7864	175	No
MCB80N06Y	D2-PAK	N	60	80	0.0055	±20	125	1	2.5	1677	175	No
MCB85N06Y	D2-PAK	N	60	85	0.013	±20	85	1	2.4	2498	150	No
MCB5D0N06YH	D2-PAK	N	60	90	0.005	±20	93.7	2	4	1550	175	No
MCB145N06Y	D2-PAK	N	60	145	0.0075	±20	91	1.2	2.5	1913	150	No
MCB150N06KY	D2-PAK	N	60	150	0.0035	±20	147	1	2.5	4258	150	Yes
MCB200N06Y	D2-PAK	N	60	200	0.0026	±20	260	1.2	2.2	5200	150	No
MCB200N06YA	D2-PAK	N	60	200	0.0032	±20	260	2.2	3.8	4110	150	No
MCB120N08Y	D2-PAK	N	80	120	0.0045	±20	208	2	4	5112	150	No
MCB118N085Y	D2-PAK	N	85	118	0.006	±20	156	2	4	4140	150	No
MCB55N10YA	D2-PAK	N	100	55	0.02	±20	69	2	4	1199	150	No
MCB011N10YL	D2-PAK	N	100	63	0.011	±20	100	1	3	1404	175	No
MCB70N10YA	D2-PAK	N	100	70	0.0086	±20	125	1	3	2298	150	No
MCB70N10YB	D2-PAK	N	100	70	0.0086	±20	125	2	4	2365	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)	T _J (°C)	
MCB130N10YA	D2-PAK	N	100	130	0.0046	±20	250	2	4	4370	150	No
MCB130N10YB	D2-PAK	N	100	130	0.005	±20	192	1	2.5	4450	150	No
MCB180N10Y	D2-PAK	N	100	180	0.0033	±20	250	2	4	8996	150	No
MCB90N12	D2-PAK	N	120	90	0.0072	±20	260	2	4	4514	150	No
MCB90N12A	D2-PAK	N	120	90	0.009	±20	139	1	3	4604	150	No
MCB70N15Y	D2-PAK	N	150	70	0.017	±20	180	2	4	2517	175	No
MCB6D5N15YH	D2-PAK	N	150	115	0.0065	±20	227	2	4	7500	150	No
MCB220N15Y	D2-PAK	N	150	220	0.0065	±20	312.5	2	4	9177	150	No
MCB40P10Y	D2-PAK	P	-100	-40	0.056	±20	125	-1	-2.5	2087	150	No
MCB110P06Y	D2-PAK	P	-60	-110	0.0084	±20	125	-2	-3.5	5352	150	No
MCB5220N04Y	TO-263-7	N	40	220	0.0011	±20	188	2	4	7967	175	No
MCB5260N10Y	TO-263-7	N	100	260	0.0018	±20	375	2	4	10589	175	No
MCTL1D4N04YL	TOLL-8L	N	40	210	0.0014	±20	113	1.3	2.3	6140	150	No
MCTL270N04Y	TOLL-8L	N	40	270	0.0013	±20	468	2	4	8010	175	No
MCTL1D6N06YH	TOLL-8L	N	60	245	0.0016	±20	167	2	4	7331	150	No
MCTL295N06Y	TOLL-8L	N	60	295	0.002	±20	313	1.5	4	8350	150	No
MCTL2D1N10YH	TOLL-8L	N	100	265	0.0021	±20	375	2.2	3.8	9600	175	No
MCTL1D4N10YH	TOLL-8L	N	100	300	0.0014	±20	297	2.5	4.5	10768	150	No
MCTL2D0N10YHR	TOLL-8L	N	100	300	0.002	±20	333	2.2	3.8	6775	175	No
MCTL300N10Y	TOLL-8L	N	100	300	0.00145	±20	500	2	4	13258	150	No
MCTL300N10YB	TOLL-8L	N	100	300	0.00155	±20	312	2.1	3.9	10051	150	No
MCTL1D2N10Y	TOLL-8L	N	100	320	0.0012	±20	375	2	4	11558	175	No
MCTL160N15Y	TOLL-8L	N	150	160	0.0065	±25	357	2	4	9440	150	No
MCTL80N20Y	TOLL-8L	N	200	80	0.013	±20	250	2	4	10387	150	No
MCTK099N60SH	TOLL-8L-KS	N	600	25.5	0.099	±30	162	2.5	4.5	2224	150	No
MCS2305B	TSSOP-8	P	-20	-8.2	-	±8.0	1.04	-0.55	-0.9	5592	150	No
MCQ4406A	SOP-8	N	30	12	0.012	±20	2.5	1	2.5	1035	150	No
MCQ16N03	SOP-8	N	30	16	0.012	±20	2.5	1	3	1035	150	No
MCQ18N03	SOP-8	N	30	18	0.007	±20	2.1	1	2.5	1765	150	No
MCQD08N03B	SOP-8	N+N	30	8	0.025	±12	1.6	0.6	1.5	580	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	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
MCQ10N04	SOP-8	N	40	10	0.015	±20	3	1	2.5	971	150	No
MCQD07N04	SOP-8	N+N	40	7	0.032	±20	2.1	1	2.5	390	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	150	No
MCQ4438	SOP-8	N	60	8.2	0.022	±20	2.1	1	3	2306	150	No
MCQ011N06YL	SOP-8	N	60	10	0.011	±20	2.5	1	3	1390	150	No
MCQ10N06Y	SOP-8	N	60	10	0.019	±20	1.9	1	2.5	873	150	No
MCQ12N06	SOP-8	N	60	12	0.009	±20	1.7	1.1	2.5	1815	150	No
MCQ03N06	SOP-8	N+N	60	3	0.105	±20	1.7	0.8	1.4	247	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	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)	T _J (°C)	
MCQD04N06	SOP-8	N+N	60	4	0.075	±20	1.7	0.9	2	400	150	No
MCQ4828A	SOP-8	N+N	60	4.5	0.056	±20	1.6	1	3	824	150	No
MCQ05N06	SOP-8	N+N	60	5	0.045	±20	1.7	1	3	500	150	No
MCQD05N06	SOP-8	N+N	60	5	0.035	±20	1.6	1	2.5	1152	150	No
MCQD08N06	SOP-8	N+N	60	8	0.022	±20	1.6	1	3	2000	150	No
MCQD09N06Y	SOP-8	N+N	60	9	0.02	±20	1.7	1	2.5	873	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	150	No
MCQ014N10YL	SOP-8	N	100	11	0.014	±20	2.5	1	3	1800	150	No
MCQ12N10Y	SOP-8	N	100	12	0.017	±20	2.1	2	4	1235	150	No
MCQ15N10YA	SOP-8	N	100	15	0.0095	±20	2.1	1	3	2350	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	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
MCQ05N15	SOP-8	N	150	5	0.063	±25	2	2	4	1179	150	No
MCQ070N15YH	SOP-8	N	150	5	0.07	±20	3.5	2	4	750	150	No
MCQ02P15	SOP-8	P	-150	-2	0.31	±20	2.5	-1	-3.5	926	150	No
MCQ05P10Y	SOP-8	P	-100	-4.5	0.11	±20	1.6	-1	-2.5	1062	150	No
MCQ07P06Y	SOP-8	P	-60	-7	0.047	±20	3.1	-1.3	-2.5	1052	150	No
MCQ12P04A	SOP-8	P	-40	-12	0.021	±20	2	-1	-2.5	2500	150	No
MCQ4409B	SOP-8	P	-30	-18	0.006	±25	3.1	-1	-2.5	3530	150	No
MCQ4407B	SOP-8	P	-30	-12	0.0125	±25	1.8	-1.2	-2.8	2478	150	No
MCQ4407C	SOP-8	P	-30	-12	0.013	±20	2	-1	-2	1735	150	No
MCQ4435A	SOP-8	P	-30	-10	0.024	±20	1.4	-1	-2.5	1630	150	No
MCQ4435	SOP-8	P	-30	-9.1	0.024	±20	1.4	-1	-3	1812	150	No
MCQ9435	SOP-8	P	-30	-5.1	0.05	±20	1.4	-1	-2	604	150	No
MCQ065P03L	SOP-8	P	-30	-4	0.065	±20	1.25	-1	-2.4	260	150	No
MCQ14P02	SOP-8	P	-20	-14	-	±10	1.4	-0.4	-1	4224	150	No
MCQD08P06Y	SOP-8	P+P	-60	-8	0.085	±20	1.9	-1	-2.5	505	150	No
MCQD08P06YA	SOP-8	P+P	-60	-8	0.075	±20	1.6	-1	-2.5	500	150	No
MCQD09P04	SOP-8	P+P	-40	-9	0.023	±20	1.7	-1	-2.5	3302	150	No
MCQD08P04	SOP-8	P+P	-40	-8	0.05	±20	1.6	-1	-2.5	1045	150	No
MCQ7328	SOP-8	P+P	-30	-8	0.021	±20	1.4	-1	-2.5	1558	150	No
MCQ4953	SOP-8	P+P	-30	-5	0.05	±20	1.6	-1	-2.5	604	150	No
MCQD065P03L	SOP-8	P+P	-30	-4	0.065	±20	1.25	-1	-2.4	260	150	No
MCQD04P02	SOP-8	P+P	-20	-4	-	±10	1.4	-0.4	-1	493	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	150	No
MCT04N15	SOT-223	N	150	4	0.16	±20	1.9	1.5	2.5	1392	150	No
MCT08P10Y	SOT-223	P	-100	-8	0.11	±20	2.2	-1	-2.5	1080	150	No
MCT06P10	SOT-223	P	-100	-6	0.205	±20	2.1	-1.2	-2.8	1707	150	Yes
MCT055P06Y	SOT-223	P	-60	-5	0.055	±20	1	-1.5	-3	1050	150	No
MCT04P06Y	SOT-223	P	-60	-4	0.085	±20	2	-1	-2.5	505	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	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)	T _J (°C)	
MCT04P06	SOT-223	P	-60	-3.5	0.08	±20	2	-1	-3	1495	150	No
MCT06P03	SOT-223	P	-30	-6	0.055	±20	2.1	-1	-2.5	502	150	No
MCT15P02	SOT-223	P	-20	-15	-	±10	2.1	-0.5	-0.9	1547	150	No
MCG30N03A	DFN3333	N	30	30	0.01	±20	27	1	2.5	1052	175	No
MCG5D9N03YL	DFN3333	N	30	45	0.0059	±20	22	1.2	2.5	594	150	No
MCG50N03	DFN3333	N	30	50	0.006	±20	30	1	2.5	2150	175	No
MCG20N04	DFN3333	N	40	20	0.014	±20	24	1	2.5	990	150	No
MCG35N04A	DFN3333	N	40	35	0.008	±20	40	1	2.5	2000	150	No
MCG8D8N04YL	DFN3333	N	40	47	0.0088	±20	32	1.2	2.5	682	150	No
MCG50N04	DFN3333	N	40	50	0.004	±20	52	1	2.5	4300	150	No
MCG029N06L	DFN3333	N	60	18	0.029	±20	18.6	1	2.5	1180	150	No
MCG53N06A	DFN3333	N	60	53	0.0082	±20	45	1.2	2.5	1850	150	No
MCG60N06Y	DFN3333	N	60	60	0.006	±20	60	1	2.5	1666	175	No
MCG240N10L	DFN3333	N	100	5	0.24	±20	13.8	1.1	3	380	150	No
MCG15N10	DFN3333	N	100	15	0.099	±20	30.5	2	4	1273	150	No
MCG40N10Y	DFN3333	N	100	40	0.0185	±20	43	1	2.5	1139	150	No
MCG013N10YL	DFN3333	N	100	45	0.013	±20	46	1	3	1800	150	No
MCG45N10Y	DFN3333	N	100	45	0.012	±20	48	2	4	1683	150	No
MCG012N10YL	DFN3333	N	100	50	0.012	±20	78	1	3	1370	175	No
MCG05N20	DFN3333	N	200	5	0.32	±20	54	1	2	455	150	No
MCG25P06Y	DFN3333	P	-60	-25	0.05	±20	73.5	-1.5	-2.7	1024	150	No
MCG20P06	DFN3333	P	-60	-20	0.025	±20	25	-1	-3	1533	150	No
MCG35P04	DFN3333	P	-40	-35	0.025	±20	38	-1	-	1257	150	No
MCG35P04A	DFN3333	P	-40	-35	0.02	±20	59	-1	-2.5	2511	150	No
MCG35P03A	DFN3333	P	-30	-35	0.009	±20	62.5	-1	-2.5	2718	150	No
MCG30P03	DFN3333	P	-30	-30	0.015	±25	32	-1.2	-2.8	2450	150	No
MCG25P03	DFN3333	P	-30	-25	0.019	±20	62.5	-1	-2	1385	150	No
MCG20P03	DFN3333	P	-30	-20	0.02	±20	21	-1	-2.5	1618	150	No
MCG55P02A	DFN3333	P	-20	-55	-	±10	38	-0.4	-1	4231	150	No
MCG35P02	DFN3333	P	-20	-35	-	±10	69	-0.4	-1	2100	150	No
MCG20P06Y	DFN3333-8	P	-60	-20	0.028	±20	39	-1	-2.5	1483	150	No
MCG020N03L	DFN3333-D	N+N	30	21	0.02	±20	15	1	2.2	390	150	No
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	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	150	Yes
MCGD25N04	DFN3333-D	N+N	40	25	0.018	±20	18	1	2.5	940	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	150	No
MCGD30P02	DFN3333-D	P+P	-20	-30	-	±10	21	-0.4	-1	2157	150	No
MCG3D2N03YL	PDFN3333	N	30	70	0.0032	±20	62.5	1.2	2.5	1212	150	No
MCG4D8N04Y	PDFN3333	N	40	75	0.0048	±20	60	2	4	880	175	No
MCG018N06L	PDFN3333	N	60	30	0.018	±20	59	1	2	1850	150	No
MCG120N10L	PDFN3333	N	100	10	0.12	±20	35	1.3	2.3	998	175	No
MCG50P03B	PDFN3333	P	-30	-50	0.011	±25	56	-1	-3	1745	150	No
MCG45P02	PDFN3333	P	-20	-45	-	±10	56.8	-0.4	-1	5236	150	No
MCG6D0N03YL	PDFN3333-B	N	30	45	0.006	±20	38	1	2.5	594	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	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 _{Gsth} (V) (Min)	V _{Gsth} (V) (Max)	C _{iss} (pF)	T _J (°C)	
MCGL2D1N03YL	PDFN3333-B	N	30	100	0.0021	±20	50	1.2	2.5	2630	175	No
MCAC40N03A	DFN5060	N	30	40	0.0075	±20	35	1	2.5	1050	150	No
MCAC50N03	DFN5060	N	30	50	0.0047	±20	50	1	2.5	2041	175	No
MCAC5D5N03YL	DFN5060	N	30	55	0.0055	±20	39	1.2	2.2	560	150	No
MCAC68N03Y	DFN5060	N	30	68	0.0072	±20	41	1	2	723	150	No
MCAC100N03Y	DFN5060	N	30	100	0.003	±20	104	1.5	2.5	2559	150	No
MCAC10H03A	DFN5060	N	30	100	0.003	±20	96	1	2.5	3620	150	No
MCAC150N03A	DFN5060	N	30	150	0.002	±20	75	1	2.5	4498	150	No
MCAC1D1N03YL	DFN5060	N	30	240	0.0011	±20	104	1.2	2.5	6315	175	No
MCAC8D8N04YL	DFN5060	N	40	45	0.0088	±20	31	1.2	2.5	681	150	No
MCAC7D0N04L	DFN5060	N	40	75	0.007	±20	83	1	2.5	1900	150	No
MCAC80N04Y	DFN5060	N	40	80	0.0026	±20	104.2	2	4	3460	150	No
MCAC88N04Y	DFN5060	N	40	88	0.0045	±20	68	2	4	861	175	No
MCAC1D9N04YL	DFN5060	N	40	95	0.0019	±20	62	1	2.5	4080	150	No
MCAC100N04	DFN5060	N	40	100	0.0035	±20	75	1	2.5	4165	150	No
MCAC120N04Y	DFN5060	N	40	120	0.0031	±20	83	2	4	2144	175	No
MCAC130N04	DFN5060	N	40	130	0.00175	±20	115	1	2.5	7140	150	No
MCAC140N04Y	DFN5060	N	40	140	0.002	±20	150	1	3	2354	175	No
MCAC1D4N04YL	DFN5060	N	40	185	0.0014	±20	83	1.3	2.3	6330	150	No
MCACL8D5N04YL	DFN5060	N	40	300	0.00085	±20	136	1	2.5	6125	175	No
MCAC30N06Y	DFN5060	N	60	30	0.02	±20	45	1	2.5	2371	150	No
MCAC53N06Y	DFN5060	N	60	53	0.0075	±20	69	1.1	2.5	2062	150	No
MCAC012N06H	DFN5060	N	60	60	0.012	±20	104	2	4	1995	150	No
MCAC9D5N06YL	DFN5060	N	60	60	0.0095	±20	69	1	3	1390	150	No
MCAC65N06Y	DFN5060	N	60	65	0.0057	±20	100	1	2.5	1740	175	No
MCAC75N06Y	DFN5060	N	60	75	0.0056	±20	75	2	4	1534	175	No
MCAC80N06Y	DFN5060	N	60	80	0.0042	±20	85	1.2	2.5	3783	150	No
MCAC85N06KY	DFN5060	N	60	85	0.0037	±20	113	1	2.5	4135	150	Yes
MCAC95N06Y	DFN5060	N	60	95	0.0025	±20	120	1.2	2.2	5300	150	No
MCAC95N06YB	DFN5060	N	60	95	0.0029	±20	120	2	4	4152	150	No
MCAC110N06Y	DFN5060	N	60	110	0.0028	±20	104	1	2.5	3196	150	No
MCAC2D7N06YL	DFN5060	N	60	120	0.0027	±20	78	1.3	2.3	3500	150	No
MCACL2D5N06YL	DFN5060	N	60	140	0.0025	±20	114	1.2	2.5	4320	150	No
MCAC160N06Y	DFN5060	N	60	160	0.0025	±20	150	2	4	3586	175	No
MCACL2D4N06YL	DFN5060	N	60	200	0.0024	±20	283	1	2.5	2763	175	No
MCAC95N065Y	DFN5060	N	65	95	0.0025	±20	120	1.2	2.2	5185	150	No
MCAC2D5N065Y	DFN5060	N	65	160	0.0025	±20	150	2	4	3586	175	No
MCAC100N08Y	DFN5060	N	80	100	0.0045	±20	152	2	4	5492	150	No
MCAC100N08YA	DFN5060	N	80	100	0.0045	±20	152	1	2.5	6268	150	No
MCACL170N08Y	DFN5060	N	80	170	0.0025	±20	208	2	4	6452	150	No
MCAC38N10Y	DFN5060	N	100	38	0.0175	±20	59	1	2.5	1166	150	No
MCAC38N10YA	DFN5060	N	100	38	0.02	±20	60	2	4	1200	150	No
MCAC47N10Y	DFN5060	N	100	47	0.012	±20	68	2	4	1255	175	No
MCAC50N10Y	DFN5060	N	100	50	0.006	±20	78	1	3	3060	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	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 _{Gsth} (V) (Min)	V _{Gsth} (V) (Max)	C _{iss} (pF)	T _J (°C)	
MCAC55N10Y	DFN5060	N	100	55	0.014	±20	89	1	3	1800	150	No
MCAC012N10YL	DFN5060	N	100	58	0.012	±20	100	1	2.5	1396	175	No
MCAC014N10Y	DFN5060	N	100	60	0.014	±20	104	1	3	1305	150	No
MCAC60N10Y	DFN5060	N	100	60	0.0086	±20	88	2.2	3.4	2346	150	No
MCAC60N10YA	DFN5060	N	100	60	0.0086	±20	88	1.3	2.5	2330	150	No
MCAC6D5N10YL	DFN5060	N	100	74	0.0065	±20	104	1.1	2.5	2870	150	No
MCAC7D5N10YL	DFN5060	N	100	75	0.0075	±20	89	1.3	2.5	2460	150	No
MCAC6D5N10Y	DFN5060	N	100	80	0.0065	±20	104	2	3	3280	150	No
MCAC80N10Y	DFN5060	N	100	80	0.0043	±20	89	1	3	3375	150	No
MCAC90N10Y	DFN5060	N	100	90	0.0048	±20	120	2	4	4458	150	No
MCAC5D2N10YL	DFN5060	N	100	95	0.0052	±20	104	1.1	2.5	4050	150	No
MCAC5D0N10YH	DFN5060	N	100	150	0.005	±20	208	2	4	5180	150	No
MCAC3D4N10YH	DFN5060	N	100	196	0.0034	±20	263	2	4	4738	175	No
MCAC3D3N10YL	DFN5060	N	100	233	0.0033	±20	375	1.3	2.6	5693	175	No
MCAC88N12	DFN5060	N	120	88	0.0072	±20	120	2	4	4514	150	No
MCAC88N12A	DFN5060	N	120	88	0.0076	±20	120	1	3	4643	150	No
MCAC15N15Y	DFN5060	N	150	15	0.07	±20	50	2	4	740	150	No
MCAC57N15Y	DFN5060	N	150	57	0.017	±20	104	2	4	2527	150	No
MCAC60N15YA	DFN5060	N	150	60	0.019	±25	125	2	4	2981	150	No
MCAC012N15YH	DFN5060	N	150	70	0.0118	±20	125	2	4	3750	150	No
MCAC80N15Y	DFN5060	N	150	80	0.011	±25	178	2	4	5244	150	No
MCAC80N15YA	DFN5060	N	150	80	0.013	±20	178	2	4	3180	150	No
MCAC105P15YL	DFN5060	P	-150	-25	0.105	±20	189	-1	-2.5	3335	150	No
MCAC055P10	DFN5060	P	-100	-25	0.055	±20	63	-1.5	-2.5	3620	150	No
MCAC25P10Y	DFN5060	P	-100	-25	0.056	±20	88	-1	-2.5	2077	150	No
MCAC085P10	DFN5060	P	-100	-18	0.085	±20	56.8	-1.5	-2.5	2080	150	No
MCAC017P08Y	DFN5060	P	-80	-50	0.017	±18	104	-1.2	-3	5330	150	No
MCAC80P06Y	DFN5060	P	-60	-80	0.008	±18	120	-2	-4	5300	150	No
MCAC60P06	DFN5060	P	-60	-60	0.018	±20	130	-2	-3.5	6683	175	No
MCAC28P06Y	DFN5060	P	-60	-28	0.04	±20	60	-1.5	-2.7	1065	150	No
MCAC7D5P04L	DFN5060	P	-40	-60	0.0075	±25	83	-1.2	-2.5	4600	150	No
MCAC030P04L	DFN5060	P	-40	-20	0.03	±20	31	-1.1	-2.5	1080	150	No
MCAC8D0P03L	DFN5060	P	-30	-65	0.008	±20	71	-1	-2.5	2360	150	No
MCAC55P03	DFN5060	P	-30	-55	0.006	±20	104	-1	-2	3399	150	No
MCAC011P03L	DFN5060	P	-30	-50	0.0105	±25	62.5	-1.2	-2.8	1860	150	No
MCAC50P03B	DFN5060	P	-30	-50	0.0055	±25	83	-1.2	-2.8	6426	150	No
MCAC40P03	DFN5060	P	-30	-40	0.009	±20	54	-1	-2.5	2718	150	No
MCAC30P03	DFN5060	P	-30	-30	0.016	±20	41.7	-1	-2	1385	150	No
MCAC115P02	DFN5060	P	-20	-115	0.0032	±10	83.3	-0.3	-0.9	5830	150	No
MCACD260N10L	DFN5060-8D	N+N	100	4.9	0.26	±20	14.7	1.1	3	408	150	No
MCACD20N10Y	DFN5060-8D	N+N	100	20	0.022	±20	31	1	2.5	1202	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	150	No
MCACL200N04YA	DFN5060-C	N	40	200	0.0013	±20	156	1	2.5	7400	150	No
MCACL330N04Y	DFN5060-C	N	40	330	0.00085	±20	250	2	4	8098	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	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 _{Gsth} (V) (Min)	V _{Gsth} (V) (Max)	C _{iss} (pF)	T _J (°C)	
MCACL175N06Y	DFN5060-C	N	60	175	0.00225	±20	138	1	2.5	5084	150	No
MCACL220N06Y	DFN5060-C	N	60	220	0.0016	±20	147	1	2.5	7500	150	No
MCACL1D6N06YL	DFN5060-C	N	60	230	0.0016	±20	208	1	2.5	6180	150	No
MCACL110N08Y	DFN5060-C	N	80	110	0.0039	±20	125	2	4	5947	150	No
MCACL120N10Y	DFN5060-C	N	100	120	0.0042	±20	108	2	4	4551	150	No
MCACL120N10YA	DFN5060-C	N	100	120	0.004	±20	116	1	2.5	4400	150	No
MCACD6D5N03L	PDFN5060-8D	N+N	30	45	0.0065	±20	44	1	2.5	1170	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	150	No
MCACD013N04L	PDFN5060-8D	N	40	30	0.013	±20	35	1	2.5	970	175	No
MCACD60N04Y	PDFN5060-8D	N+N	40	60	0.0055	±20	50	2	4	861	175	No
MCACD030N06L	PDFN5060-8D	N+N	60	20	0.03	±20	41	1	2.5	1150	150	No
MCACD28N06Y	PDFN5060-8D	N+N	60	28	0.013	±20	48	1	2.5	906	150	No
MCACD011N06YL	PDFN5060-8D	N+N	60	48	0.011	±20	44	1.3	2.4	880	150	No
MCACD60N06Y	PDFN5060-8D	N+N	60	60	0.0065	±20	50	1	2.5	1740	175	No
MCACD033N10YL	PDFN5060-8D	N+N	100	20	0.033	±20	41	1.2	2.2	500	175	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	150	No
MCACD085P10	PDFN5060-8D	P+P	-100	-17	0.085	±20	59.5	-1.5	-2.5	2110	150	No
MCACL320N04Y	LFPK56E	N	40	320	0.00062	±20	230	2	4	6485	175	No
MCP65N06	TO-220AB(H)	N	60	65	0.011	±20	104	2	4	2220	150	No
MCP90N06Y	TO-220AB(H)	N	60	90	0.0075	±20	83	1	2.5	1949	150	No
MCP200N06Y	TO-220AB(H)	N	60	200	0.0032	±20	208	2	4	4110	150	No
MCP120N08Y	TO-220AB(H)	N	80	120	0.0048	±20	178	2	4	5223	150	No
MCP118N085Y	TO-220AB(H)	N	85	118	0.0065	±20	208	2	4	4150	150	No
MCP75N10Y	TO-220AB(H)	N	100	75	0.0086	±20	156	2	4	2270	150	No
MCP130N10YA	TO-220AB(H)	N	100	130	0.0055	±20	250	2	4	4458	150	No
MCP130N10YB	TO-220AB(H)	N	100	130	0.0055	±20	250	1	2.5	4450	150	No
MCP2D6N10Y	TO-220AB(H)	N	100	240	0.0026	±20	208	2	4	13760	150	No
MCP90N12A	TO-220AB(H)	N	120	90	0.009	±20	150	1	3	4513	150	No
MCP9D0N12YH	TO-220AB(H)	N	120	90	0.009	±20	147	2.2	3.8	4650	150	No
MCP70N15Y	TO-220AB(H)	N	150	70	0.02	±20	150	2	4	2508	175	No
MCP70N15YA	TO-220AB(H)	N	150	70	0.021	±20	136	3	5	2511	175	No
MCP012N15YH	TO-220AB(H)	N	150	82	0.012	±20	178	2	4	3750	150	No
MCP18N20A	TO-220AB(H)	N	200	18	0.15	±20	179	2	4	877	150	No
MCP80P06Y	TO-220AB(H)	P	-60	-80	0.0084	±20	89	-2	-3.5	5322	150	No
MCP60P06	TO-220AB(H)	P	-60	-60	0.018	±20	130	-2	-3.5	6504	175	No
MCPF90N12A	TO-220F	N	120	90	0.009	±20	78	1	3	4604	150	No
MCPF065N15YH	TO-220F	N	150	15	0.065	±20	41	2	4	785	150	No
MCPF024N15Y	TO-220F	N	150	30	0.024	±20	50	2	4	2527	150	No
MCPF18N20A	TO-220F	N	200	18	0.15	±20	36	2	4	877	150	No
MCPF80P06Y	TO-220F	P	-60	-80	0.01	±20	83	-2	-4	5415	150	No
MCW200N10YA	TO-247	N	100	200	0.0027	±20	375	2	4	10051	175	No
MCW220N10Y	TO-247	N	100	220	0.0024	±20	375	2	4	10051	175	No
MCW240N10Y	TO-247	N	100	240	0.00185	±20	312.5	2	4	16232	150	No
MCW099N60SH	TO-247	N	600	30.5	0.099	±30	236	2.5	4.5	2224	150	No

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	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 _{Gsth} (V) (Min)	V _{Gsth} (V) (Max)	C _{iss} (pF)	T _J (°C)	
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
MCD5K0N90SH	SOT-223-2L	N	900	1	5	±30	10.8	2	4	148	150	No
MCU600N60SH	DPAK	N	600	6.3	0.6	±30	52	2.5	4.5	392	150	No
MSJUFR05N65	DPAK	N	650	5	1.9	±30	57	2	4	165	150	No
MCU600N65SH	DPAK	N	650	6.6	0.6	±30	59.5	2.5	4.5	411	150	No
MCU655N65FH	DPAK	N	650	7	0.655	±30	73.5	3	5	412.5	150	No
MSJU07N65A	DPAK	N	650	7	0.6	±30	78	2	4	529	150	No
MSJU11N65A	DPAK	N	650	11	0.38	±30	83	2	4	774	150	No
MSJU04N80A	DPAK	N	800	4.5	1.3	±20	88	2.5	4.5	386	150	Yes
MSJU06N80A	DPAK	N	800	6	0.95	±20	56.8	2.5	4.5	502	150	Yes
MCU450N80SHK	DPAK	N	800	12	0.45	±20	166	2.5	4.5	924	150	Yes
MCU5K0N90SH	DPAK	N	900	1.65	5	±30	25.3	2	4	148	150	No
MSJU05N90A	DPAK	N	900	5	1.49	±30	83	2	3.5	476	150	No
MCU1K4N95SH	DPAK	N	950	5	1.49	±30	83	2	4	456	150	No
MCB075N60SH	D2-PAK	N	600	23	0.075	±30	106	3	5	3202	150	No
MSJB14N65A	D2-PAK	N	650	14	0.4	±30	139	2	4	750	150	No
MSJB06N80A	D2-PAK	N	800	6	1.2	±30	125	2.5	4.5	386	150	Yes
MSJB11N80A	D2-PAK	N	800	11	0.47	±20	156	2.5	4.5	958	150	Yes
MSJB17N80	D2-PAK	N	800	17	0.29	±30	180	2	4	1860	150	No
MSJAC11N50B	DFN5060	N	500	11	0.38	±30	83	2	4	728	150	No
MSJAC11N65B	DFN5060	N	650	11	0.38	±30	89	2	4	768	150	No
MSJL20N60A	DFN8080A	N	600	20	0.219	±30	178	2	4	1468	150	No
MSJL120N60FH	DFN8080A	N	600	30	0.12	±30	266	3	5	2240	150	No
MCTK105N60FH	TOLL-8L-KS	N	600	17.5	0.105	±30	107	3	5	2240	150	No
MCTK075N60FH	TOLL-8L-KS	N	600	19.5	0.075	±30	88	3	5	3202	150	No
MSJP11N65A	TO-220	N	650	11	0.38	±30	83	2	4	774	150	No
MSJP11N80A	TO-220	N	800	11	0.47	±20	250	2.5	4.5	918	150	Yes
MSJPFR20N60	TO-220AB(H)	N	600	17.9	0.193	±30	138	3	5	1240	150	No
MSJP09N65A	TO-220AB(H)	N	650	9	0.96	±30	113	2	4	383	150	No
MSJP14N65A	TO-220AB(H)	N	650	14	0.31	±30	147	2	4	1038	150	No
MSJP20N65A	TO-220AB(H)	N	650	20	0.19	±30	73.5	2	4	1750	150	No
MSJP06N80A	TO-220AB(H)	N	800	6	1.2	±30	96	2.5	4.5	349	150	Yes
MSJP07N80A	TO-220AB(H)	N	800	7	0.95	±20	104	2.5	4.5	502	150	Yes
MSJP08N90A	TO-220AB(H)	N	900	8	1.62	±30	113	2	4	476	150	No
MSJPFR20N60	TO-220F	N	600	12.3	0.193	±30	62.5	3	5	1240	150	No
MCPF180N65SH	TO-220F	N	650	8.8	0.18	±30	48	2.5	4.5	1240	150	No
MSJPF11N65	TO-220F	N	650	11	0.38	±30	31.3	2.5	4	901	150	No
MSJPF11N65A	TO-220F	N	650	11	0.38	±30	31.3	2	4	774	150	No
MSJPF20N65A	TO-220F	N	650	20	0.19	±30	39	2	4	1750	150	No
MCPF650N80SHK	TO-220F	N	800	6	0.65	±20	57.5	2.5	4.5	660	150	Yes
MSJPF06N80A	TO-220F	N	800	6	1.2	±30	50	2.5	4.5	349	150	Yes
MSJPF07N80A	TO-220F	N	800	7	0.95	±20	78	2.5	4.5	502	150	Yes
MSJPF11N80A	TO-220F	N	800	11	0.47	±20	25	2.5	4.5	958	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	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)	T _J (°C)	
MSJPF08N90A	TO-220F	N	900	8	1.3	±30	89	2	4	469	150	No
MCPF1K4N95SH	TO-220F	N	950	3.4	1.49	±30	46.8	2	4	469	150	No
MCW105N60FH	TO-247	N	600	30.6	0.105	±30	240	3	5	2240	150	No
MCW070N60SH	TO-247	N	600	38	0.07	±30	260	2.5	4.5	3146	150	No
MCW075N60FH	TO-247	N	600	41	0.075	±30	312.5	3	5	3202	150	No
MSJW47N60A	TO-247	N	600	47	0.091	±30	278	2	4	4476	150	No
MSJW20N65A	TO-247	N	650	20	0.19	±30	250	2	5	1740	150	No
MSJWFR60N60	TO-247AB(E)	N	600	58	0.03	±30	223	3	5	8078	150	No

MOSFETs

Small Signal 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	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)	T _J (°C)	
SI3134KL3A	DFN1006-3	N	20	0.75	-	±12	0.66	0.35	1.1	27	150	Yes
SI2015KL3	DFN1006-3	N	20	1.1	-	±12	0.7	0.5	0.9	28	150	Yes
2N7002KL3A	DFN1006-3	N	60	0.26	2.5	±20	0.33	1	2.5	15	150	Yes
2N7002KL3	DFN1006-3	N	60	0.41	1.5	±20	0.44	1.3	2.3	25	150	Yes
BSS84KL3A	DFN1006-3	P	-60	-0.22	5	±20	0.47	-1.1	-2.1	22.9	150	No
SI2012KL3	DFN1006-3	P	-20	-0.98	-	±10	0.7	-0.45	-1	74	150	Yes
SI06P02KL3	DFN1006-3	P	-20	-0.95	-	±8	0.7	-0.35	-1.2	27	150	Yes
SI3139KL3A	DFN1006-3	P	-20	-0.65	-	±12	0.33	-0.35	-1.2	36	150	Yes
SI3139KL3B	DFN1006-3	P	-20	-0.65	-	±12	0.328	-0.35	-1.2	36	150	Yes
SI3134KL3B	DFN1006-3A	N	20	0.75	-	±10	0.9	0.35	1.2	33	150	Yes
SI3139KL3C	DFN1006-3A	P	-20	-0.5	-	±12	0.9	-0.35	-1.2	36	150	Yes
SI3134KU6	DFN1010B-6	N+N	20	0.75	-	±10	0.42	0.35	1.2	33	150	Yes
SI3439KU6	DFN1010B-6	N+P	20/-20	0.75/0.52	-	±10	0.35	0.35/-0.35	1.2/-1.2	33/36	150	Yes
SI3139KU6	DFN1010B-6	P+P	-20	-0.52	-	±10	0.35	-0.35	-1.2	36	150	Yes
MCMN2014A	DFN2020-6J	N	20	13	-	±10	40	0.5	1.1	1302	150	No
MCM05N06	DFN2020-6J	N	60	5	0.042	±20	12.5	1	2.5	850	150	No
MCM1567	DFN2020-6J	P	-20	-9	-	±12	18	-0.4	-1	2130	150	No
MCMN2012A	DFN2020-6JA	N	20	12	-	±10	13.8	0.35	1	863	150	No
MCM1216A	DFN2020-6JA	P	-20	-16	-	±10	18	-0.4	-1	2130	150	No
MCM3400A	DFN2020-6L	N+N	30	5	0.032	±12	1.4	0.7	1.5	645	150	No
MCMNP2065A	DFN2020-6L	N+P	20/-20	6.0/-4.0	-	±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	-	±10	1.6	0.4/-0.4	1.0/-1.0	393/762	150	No
MCM2301	DFN2020-6L	P+P	-20	-3.8	-	±10	1.4	-0.5	-0.9	492	150	No
MCM13N03	DFN2020-6LE	N	30	13	0.012	±20	2.9	1	2.5	1015	150	No
MCM012N04L	DFN2020-6LE	N	40	12	0.012	±20	1.8	1	2.5	990	150	No
MCM040P03L	DFN2020-6LE	P	-30	-10	0.04	±20	15	-1	-2.5	490	150	No
SI3136K	SOT-23	N	20	0.8	-	±8	0.96	0.5	1	44	150	Yes
SI3134KS	SOT-23	N	20	1.4	-	±12	1	0.5	0.9	27	150	Yes
SI2302AK	SOT-23	N	20	2.5	-	±8	1.1	0.4	1	131	150	Yes
SI2302	SOT-23	N	20	3	-	±8	1.56	0.65	1.2	388	150	No
SI2302A	SOT-23	N	20	3	-	±8	1.25	0.65	1.2	432	150	No
SI2302B	SOT-23	N	20	3	-	±10	1.1	0.55	1.1	190	150	No
SI2312	SOT-23	N	20	5	-	±8	1.25	0.45	1	668	150	No
SI2312A	SOT-23	N	20	5	-	±8	1.25	0.5	0.9	668	150	No
SI2300	SOT-23	N	20	5.2	-	±10	1.1	0.5	0.9	387	150	No
SI3420A	SOT-23	N	20	6	-	±10	1.25	0.5	1	668	150	No
SI2312B	SOT-23	N	20	6.8	-	±10	1.25	0.5	0.9	686	150	No
SI8810	SOT-23	N	20	7	0.018	±12	1.3	0.4	0.9	716	150	Yes
SI0301	SOT-23	N	30	0.5	-	±8	0.83	0.5	1	34	150	Yes
SI01N03K	SOT-23	N	30	0.8	-	±12	1	0.6	1.3	34.6	150	Yes
SI3099	SOT-23	N	30	1.1	0.408	±12	1.1	0.5	1.5	39	150	Yes
SI240N03UK	SOT-23	N	30	1.44	-	±10	0.86	0.45	1	56.5	150	Yes
SI2304	SOT-23	N	30	2.5	0.065	±20	1	1	2	229	150	No
SI2306	SOT-23	N	30	3.16	0.047	±20	1	1	3	229	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	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)	T _J (°C)	
SI037N03U	SOT-23	N	30	3.9	0.037	±12	1	0.5	1.5	425	150	No
SI3402	SOT-23	N	30	4	0.027	±12	1.04	0.6	1.4	586	150	No
SI3400B	SOT-23	N	30	5.6	0.028	±12	1	0.6	1.5	34	150	No
SI3400	SOT-23	N	30	5.8	0.027	±12	1.04	0.7	1.4	586	150	No
SI3400A	SOT-23	N	30	5.8	0.027	±12	1.04	0.7	1.4	586	150	No
SI3400K	SOT-23	N	30	5.8	-	±12	1	0.5	1.4	576	150	Yes
SI3404	SOT-23	N	30	5.8	0.028	±20	1.2	1	2.2	373	150	No
SI2318A	SOT-23	N	40	5	0.045	±20	1.2	0.8	1.8	390	150	No
BSS138	SOT-23	N	50	0.22	2.5	±20	0.35	0.8	1.5	27	150	No
BSS138A	SOT-23	N	50	0.22	1.6	±20	0.62	0.8	1.45	29	150	Yes
BSS138KS	SOT-23	N	50	0.3	2.5	±20	0.7	0.7	1.6	15	150	Yes
BSS138BK	SOT-23	N	50	0.59	1.5	±20	1	0.5	1.5	25	150	Yes
BSS138B	SOT-23	N	50	0.6	1.1	±20	0.83	0.8	1.6	39	150	No
2N7002A	SOT-23	N	60	0.115	3	±30	0.39	1	2.5	34	150	No
2N7002	SOT-23	N	60	0.34	2.5	±20	1.08	1	2.5	35	150	No
2N7002B	SOT-23	N	60	0.34	3	±30	1.04	1	2.5	34	150	No
2N7002K	SOT-23	N	60	0.34	2.5	±20	0.83	1	2.5	15	150	Yes
2N7002KA	SOT-23	N	60	0.34	5	±20	0.35	1	2.5	16	150	Yes
2N7002KS	SOT-23	N	60	0.34	2.2	±20	0.35	1	2.5	16	150	Yes
2N7002C	SOT-23	N	60	0.35	1	±20	0.83	1.1	2.5	34	150	No
SI2306KA	SOT-23	N	60	0.5	1.8	±30	0.83	1	2.5	29	150	Yes
SI2306K	SOT-23	N	60	0.55	1.2	±30	0.96	1	2.5	34	150	Yes
SI2310K	SOT-23	N	60	2.5	0.096	±20	1.3	1.1	2.3	340	150	Yes
SI03N06	SOT-23	N	60	3	0.08	±20	1.2	0.9	2	400	150	No
SI2310	SOT-23	N	60	3	0.105	±20	1.2	0.5	2	546	150	No
SI2310A	SOT-23	N	60	3	0.105	±20	1.2	0.5	1.5	512	150	No
SI2310B	SOT-23	N	60	3	0.1	±16	1.2	0.5	1.3	638	150	No
BSS123	SOT-23	N	100	0.17	6	±20	0.35	1	2.8	35	150	No
BSS123K	SOT-23	N	100	0.28	6	±20	0.78	1.5	2.5	32	150	Yes
SI2324A	SOT-23	N	100	2	0.28	±20	1.2	1	2	390	150	No
SI2392	SOT-23	N	100	3	0.14	±20	0.9	1	2.5	135	150	No
SI01P10	SOT-23	P	-100	-1	0.8	±20	0.77	-1.5	-3	342	150	No
SI5618	SOT-23	P	-60	-1.9	0.15	±20	1	-1	-3	609	150	No
SI5618A	SOT-23	P	-60	-1.6	0.16	±20	1.2	-1	-2.5	429	150	No
BSS84	SOT-23	P	-60	-0.16	7.8	±20	0.4	-0.9	-2	27	150	No
BSS84A	SOT-23	P	-60	-0.16	7.8	±30	0.4	-0.9	-2	27	150	No
BSS84K	SOT-23	P	-60	-0.13	6	±20	0.96	-0.8	-2.5	37	150	Yes
SI2319	SOT-23	P	-40	-3.5	0.085	±20	1.4	-1	-2.5	536	150	No
SI080P04L	SOT-23	P	-40	-3	0.08	±20	1	-1	-2.5	400	150	No
SI3401	SOT-23	P	-30	-4.2	0.065	±12	1.2	-0.7	-1.3	831	150	No
SI3401A	SOT-23	P	-30	-4.2	0.06	±12	1.2	-0.7	-1.3	831	150	No
SI3407	SOT-23	P	-30	-4.1	0.049	±20	1.3	-1	-3	600	150	No
SI2303	SOT-23	P	-30	-3	0.055	±20	1.3	-1	-3	493	150	No
SI2307K	SOT-23	P	-30	-3	-	±8	1.25	-0.4	-1.2	1060	150	Yes

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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	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)	T _J (°C)	
SI2307	SOT-23	P	-30	-2.7	0.088	±20	1.3	-1	-3	600	150	No
SI095P03L	SOT-23	P	-30	-2	0.095	±20	0.69	-1	-2.5	190	150	No
SI2303K	SOT-23	P	-30	-1	-	±8	1	-0.4	-1.3	166	150	Yes
SI3415BS	SOT-23	P	-20	-5.6	-	±10	1.25	-0.5	-0.9	1151	150	Yes
SI2305B	SOT-23	P	-20	-4.2	-	±10	1.4	-0.5	-0.9	821	150	No
SI3415	SOT-23	P	-20	-4	-	±8	0.93	-0.3	-1	1204	150	Yes
SI3415A	SOT-23	P	-20	-4	-	±10	0.93	-0.35	-0.9	1204	150	Yes
SI3415C	SOT-23	P	-20	-3.9	-	±10	1	-0.55	-1.25	540	150	Yes
SI3415D	SOT-23	P	-20	-3.9	-	±10	1	-0.55	-1	540	150	Yes
SI2321K	SOT-23	P	-20	-3	-	±8	1	-0.4	-1.2	570	150	Yes
SI2321	SOT-23	P	-20	-2.9	-	±12	1.2	-0.4	-0.9	770	150	No
SI2301	SOT-23	P	-20	-2.8	-	±8	1	-0.45	-1	480	150	No
SI2301A	SOT-23	P	-20	-2.8	-	±8	1	-0.5	-0.9	482	150	No
SI01P02K	SOT-23	P	-20	-0.7	-	±8	1	-0.4	-1	60	150	Yes
SI3139KS	SOT-23	P	-20	-0.6	-	±12	0.89	-0.35	-1.1	36	150	Yes
SI2333A	SOT-23	P	-15	-5.6	-	±8	1.1	-0.4	-1	810	150	No
SI2333	SOT-23	P	-12	-6	-	±8	1.1	-0.4	-1	810	150	No
SI2305	SOT-23	P	-8	-4.1	-	±8	1.2	-0.55	-0.9	810	150	No
SL05N06	SOT-23-3L	N	60	5	0.044	±20	1.8	1	2.5	1175	150	No
SL01N65	SOT-23-3L	N	650	1	11	±30	1.6	2	4	34	150	No
SL03P10	SOT-23-3L	P	-100	-3	0.286	±20	1.4	-1.1	-2	940	150	No
SL02P06Y	SOT-23-3L	P	-60	-2.5	0.12	±20	1.3	-1	-2.5	302	150	No
SL3007	SOT-23-3L	P	-30	-7	0.025	±20	1.5	-1	-2.5	1636	150	No
SL3401A	SOT-23-3L	P	-30	-4.4	0.06	±12	1.25	-0.7	-1.3	806	150	No
SL3407	SOT-23-3L	P	-30	-4.3	0.049	±20	1.5	-1	-3	492	150	No
SIL08N02	SOT23-6L	N	20	8	-	±10	1.5	0.45	1	678	150	No
SIL2322A	SOT23-6L	N+N	20	3	-	±8	1.2	0.55	1.25	432	150	No
SIL2300	SOT23-6L	N+N	20	4	-	±10	1.4	0.45	1	384	150	No
SIL2300A	SOT23-6L	N+N	20	7	-	±10	1.4	0.45	1	668	150	No
SIL3439KA	SOT23-6L	N+P	20/-20	1.2/-1.0	-	±12	1.25	0.35/-0.35	1.1	27/36	150	Yes
SIL2308	SOT23-6L	N+P	20/-20	5/-4	-	±10/±12	1.05	0.5/-0.5	1/-1	386/490	150	No
SIL3400A	SOT23-6L	N	30	5.8	0.032	±12	1.8	0.5	1.5	580	150	No
SIL08N03	SOT23-6L	N	30	8	0.014	±20	1.6	1	3	1038	150	No
SIL3724A	SOT23-6L	N+P	30/-30	4.5/-3.5	0.035/0.090	±20	1.25	1.0/-1.0	2.5/-2.5	229/356	150	No
SIL02N06K	SOT23-6L	N	60	2.5	0.105	±20	1.6	1.1	2.3	338	150	Yes
SIL05N06A	SOT23-6L	N	60	5	0.043	±20	1.8	1	2.5	1175	150	No
SIL03N10A	SOT23-6L	N	100	3	0.12	±20	1.7	1.1	3	897	150	No
SIL2324A	SOT23-6L	N+N	100	2	0.28	±20	1	1	2	445	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	±20	1.4	1.3	2.5	665	150	No
SIL04P06Y	SOT23-6L	P	-60	-3.5	0.085	±20	1.56	-1	-2.5	513	150	No
SIL06P03A	SOT23-6L	P	-30	-6	-	±20	1.25	-1	-2.5	490	150	No
SIL3407	SOT23-6L	P	-30	-4.1	0.05	±20	1.6	-1	-3	581	150	No
SIL2305B	SOT23-6L	P	-20	-5.4	-	±10	1.6	-0.5	-0.9	770	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	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 _{Gsth} (V) (Min)	V _{Gsth} (V) (Max)	C _{iss} (pF)	T _J (°C)	
SIL3415	SOT23-6L	P	-20	-4	-	±8	1.4	-0.3	-1	1070	150	Yes
SIL2301	SOT23-6L	P+P	-20	-2.3	-	±8	1.25	-0.4	-1	480	150	No
SIL2623A	SOT23-6L	P+P	-30	-3	0.09	±20	1.25	-1	-2.5	356	150	No
SI3134KWA	SOT-323	N	20	0.75	-	±12	0.31	0.5	1.1	28	150	Yes
SI2102A	SOT-323	N	20	3	-	±10	0.357	0.55	1	210	150	No
2SK3018	SOT-323	N	30	0.1	3	±20	0.3	0.8	1.5	16	150	Yes
BSS138W	SOT-323	N	50	0.22	3.5	±20	0.316	0.8	1.5	29	150	No
BSS138BKW	SOT-323	N	50	0.37	1.5	±20	0.4	0.5	1.5	30	150	Yes
2N7002W	SOT-323	N	60	0.115	2.5	±20	0.2	1	2	25.2	150	No
2N7002KW	SOT-323	N	60	0.34	2.5	±20	0.33	1	2	15	150	Yes
2N7002KWA	SOT-323	N	60	0.34	2.5	±20	0.33	1	2	15	150	Yes
SI0103KW	SOT-323	N	60	1	-	±10	0.33	0.5	1	164	150	Yes
BSS123W	SOT-323	N	100	0.17	6	±20	0.35	1	2.8	35	150	No
BSS84W	SOT-323	P	-60	-0.2	3.6	±20	0.25	-0.9	-2	23	150	No
BSS84KW	SOT-323	P	-50	-0.13	8	±20	0.357	-0.9	-2	37	150	Yes
SI2101A	SOT-323	P	-20	-2	-	±10	0.36	-0.4	-1	221	150	No
SI3139KWA	SOT-323	P	-20	-0.6	-	±12	0.41	-0.35	-1.1	36	150	Yes
SI3134KWAS	SOT-323S	N	20	0.69	-	±12	0.22	0.4	1.1	29	150	Yes
2N7002KWS	SOT-323S	N	60	0.23	2.5	±20	0.29	1	2	15	150	Yes
SI3134KDWA	SOT-363	N+N	20	0.75	-	±12	0.37	0.35	1.1	28	150	Yes
SI2124DW	SOT-363	N+N	20	1.5	-	±10	0.43	0.55	1.1	188	150	No
SI3439KDWA	SOT-363	N+P	20/-20	0.75/-0.6	-	±12	0.325	0.35/-0.35	1.1/-1.1	28/36	150	Yes
SI2429DW	SOT-363	N+P	20/-20	1.5/-1.0	-	±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	±20	0.3	0.7	1.5	13.9	150	Yes
BSS138AKDW	SOT-363	N+N	50	0.22	1.6	±20	0.32	0.8	1.45	29.5	150	Yes
BSS138BKDW	SOT-363	N+N	50	0.22	1.5	±20	0.35	0.8	1.45	25	150	Yes
2N7002DW	SOT-363	N+N	60	0.34	2.5	±20	0.3	1	2.5	25.2	150	No
2N7002KDW	SOT-363	N+N	60	0.34	3	±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	±20	0.32	1/-0.9	2.5/-2	15.2/37	150	Yes
MC7252KDWA	SOT-363	N+P	60/-50	0.34/-0.18	2.5/6	±20	0.32	1.0/-0.9	2.5/-2	15.2/37	150	Yes
BSS84KDW	SOT-363	P+P	-60	-0.32	6	±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
SI2129DW	SOT-363	P+P	-20	-1	-	±10	0.43	-0.4	-1	220	150	No
SI3139KDWA	SOT-363	P+P	-20	-0.6	-	±12	0.32	-0.35	-1.1	36	150	Yes
SI3134KDWAS	SOT-363S	N+N	20	0.75	-	±12	0.26	0.5	0.9	28	150	Yes
SI3439KDWAS	SOT-363S	N+P	20/-20	0.75/-0.6	-	±12	0.325	0.35/-0.35	1.1/-1.1	28/36	150	Yes
SI6303KDWS	SOT-363S	N+N	30	0.5	-	±12	0.3	0.6	1.5	34	150	Yes
2N7002KDWS	SOT-363S	N+N	60	0.22	3	±20	0.3	1	2.5	16	150	Yes
BSS138AKDWS	SOT-363S	N+N	60	0.22	1.6	±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	±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	±20	0.271	1	2.5	35	150	No
BSS84KDWS	SOT-363S	P+P	-60	-0.32	3	±20	0.31	-1	-2	37	150	Yes
SI3139KDWAS	SOT-363S	P+P	-20	-0.6	-	±12	0.32	-0.35	-1.1	36	150	Yes

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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	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 _{Gsth} (V) (Min)	V _{Gsth} (V) (Max)	C _{iss} (pF)	T _J (°C)	
SI3134KEA	SOT-523	N	20	0.75	-	±12	0.3	0.5	0.9	28	150	Yes
2SK3019	SOT-523	N	30	0.1	4	±20	0.29	0.8	1.5	16	150	Yes
2SK3019A	SOT-523	N	30	0.1	4	±20	0.29	0.8	1.5	16	150	Yes
SI0205	SOT-523	N	50	0.2	-	±8	0.83	0.3	0.8	33	150	Yes
BSS138KT	SOT-523	N	50	0.25	1.6	±20	0.28	0.5	1.5	29	150	Yes
BSS138BKT	SOT-523	N	50	0.34	1.5	±20	0.35	0.5	1.5	25	150	Yes
2N7002T	SOT-523	N	60	0.115	5	±20	0.15	1	2	15.6	150	No
2N7002KT	SOT-523	N	60	0.3	2.5	±20	0.15	1	2.5	15.6	150	Yes
BSS123E	SOT-523	N	100	0.2	3.4	±20	0.357	1	2.5	35	150	No
BSS84KT	SOT-523	P	-60	-0.26	6	±20	0.27	-1	-2	37	150	Yes
SI3139KEA	SOT-523	P	-20	-0.6	-	±12	0.4	-0.35	-1.1	35	150	Yes
SIX3134KA	SOT-563	N+N	20	0.75	-	±12	0.3	0.5	1.1	28	150	Yes
SIX3439KA	SOT-563	N+P	20/-20	0.75/-0.6	-	±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	±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
2N7002KV	SOT-563	N+N	60	0.34	5	±20	0.15	1	2.5	15.6	150	Yes
BSS84KV	SOT-563	P+P	-60	-0.26	2.9	±20	0.37	-1	-2.5	33.5	150	Yes
SIX3139KA	SOT-563	P+P	-20	-0.6	-	±12	0.34	-0.35	-1.1	36	150	Yes
SI3134KA	SOT-723	N	20	0.75	-	±12	0.25	0.35	1.1	27	150	Yes
MC3541A	SOT-723	N	30	0.3	3	±20	0.27	0.8	1.45	16	150	Yes
2SK3020	SOT-723	N	30	0.5	0.75	±20	0.266	0.7	1.5	13.9	150	Yes
2N7002KM	SOT-723	N	60	0.34	4	±20	0.275	1	2.5	15.6	150	Yes
BSS123M	SOT-723	N	100	0.2	3.4	±20	0.337	1	2.5	35	150	No
BSS84KM	SOT-723	P	-60	-0.26	6	±20	0.35	-0.8	-2.5	36	150	Yes
SI3139KA	SOT-723	P	-20	-0.66	-	±12	0.3	-0.35	-1.1	35	150	Yes
SI3139KAL	SOT-723	P	-20	-0.66	-	±10	0.3	-0.35	-1.1	63	150	Yes
MCA03N06	SOT-89	N	60	3	0.1	±20	1.7	0.65	1.55	699	150	No
MCA031N06L	SOT-89	N	60	5	0.031	±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