



PRODUCT DESCRIPTION	TYPE	CHANNEL	CONFIGURATION	V _{DS} (V)	r _{DS(ON)} @10.0V	r _{DS(ON)} @4.5V	r _{DS(ON)} @3.3V	r _{DS(ON)} @2.5V	r _{DS(ON)} @1.8V	I _D (A) MAX.	Q _g (nC) Typ.	P _D (W) MAX.
LITTLE FOOT Plus™ Schottky	Si7842DP	N	Dual Plus Integrated Schottky	30	0.022	0.030				10	13	3.5
LITTLE FOOT Plus™ Schottky SO-8	Si4837DY	P	Single Plus Integrated Schottky	-30	0.020	0.030				8.3	22	2.5
	Si4831DY	P	Single Plus Integrated Schottky	-30	0.045	0.09				5	10	2
	Si4833DY	P	Single Plus Integrated Schottky	-30	0.085	0.18				3.5	8.7	2
	Si4736DY	N	Single Plus Integrated Schottky	30	0.010	0.011				13	37	3.1
	Si4852DY	N	Single Plus Integrated Schottky	30	0.012	0.0175				11	24	2.5
	Si4310DY	N	Dual Plus Integrated Schottky	30	0.012	0.018				9.6	11.5	2
		N	Dual Plus Integrated Schottky	30	0.010	0.011				13.5	40	3
	Si4816DY	N	Dual Plus Integrated Schottky	30	0.022	0.03				6.3	8	1.4
		N	Dual Plus Integrated Schottky	30	0.013	0.018				10	15	2.4
	Si4810DY	N	Single Plus Integrated Schottky	30	0.013	0.02				10	20	2.5
	Si4818DY	N	Dual Plus Integrated Schottky	30	0.022	0.03				6.3	8	1.4
		N	Dual Plus Integrated Schottky	30	0.015	0.02				9.5	15	2.4
	Si4814DY	N	Dual Plus Integrated Schottky	30	0.021	0.0325				7.0	6.5	1.9
		N	Dual Plus Integrated Schottky	30	0.020	0.0265				7.4	9.7	2.0
	Si4812DY	N	Single Plus Integrated Schottky	30	0.018	0.028				9	16	2.5
	Si4832DY	N	Single Plus Integrated Schottky	30	0.018	0.028				9	16	2.5
	Si4854DY	N	Dual Plus Integrated Schottky	30	0.026	0.030		0.041		6.9	9	2.0
	Si4808DY	N	Dual Plus Integrated Schottky	30	0.022	0.03				7.5	13	2
	Si4830DY	N	Dual Plus Integrated Schottky	30	0.022	0.03				7.5	13	2
	Si4834DY	N	Dual Plus Integrated Schottky	30	0.022	0.03				7.5	13	2
Si4300DY	N	Single Plus Integrated Schottky	30	0.0185	0.033				9	8.7	2.5	

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LITTLE FOOT <i>Plus</i> TM Schottky TSSOP-8	Si6912DQ	P	Single Plus Integrated Schottky	-20		0.05		0.085		3.5	14.5	1.2	
	Si6821DQ	P	Single Plus Integrated Schottky	-20		0.19	0.28			1.7	3.5	1.2	
	Si6820DQ	N	Single Plus	20		0.16	0.26			1.9	2.1	1.2	
LITTLE FOOT <i>Plus</i> TM Schottky PowerPAK TM 1212-8	Si7703EDN	P	Single Plus Integrated Schottky	-20		0.048		0.068	0.090	6.3	12	2.8	
	Si7705DN	P	Single Plus Integrated Schottky	-20		0.048		0.068	0.090	6.3	11	2.8	
LITTLE FOOT <i>Plus</i> TM Schottky TSOP-6	Si3853DV	P	Single Plus Integrated Schottky	-20		0.2		0.34		1.8	2.7	1.15	
	Si3851DV	P	Single Plus Integrated Schottky	-30	0.2	0.36				1.8	2.4	1.15	
	Si3812DV	N	Single Plus Integrated Schottky	20		0.125		0.2		2.4	2.1	1.15	
LITTLE FOOT <i>Plus</i> TM Schottky 1206-8 ChipFET TM	Si5853DC	P	Single Plus Integrated Schottky	-20		0.11		0.16	0.24	3.6	4.4	2.1	
LITTLE FOOT <i>Plus</i> TM Level-Shift Devices SO-8	Si4788CY	Dual P	ASM Level Shift	-6		0.02	0.025			5		1.5	
	Si4701DY	N	Level Shift	30	0.02	0.021				7		0.83	
	Si4702DY	N	Level Shift	30	0.02	0.035				5.5		1.25	
	Si4703DY	N	Level Shift	30	0.046	0.066				4		1.2	
LITTLE FOOT <i>Plus</i> TM Level-Shift Devices TSOP-6	Si3865DV	P	Level Shift	-8		0.08		0.11	0.175	2.7		0.83	
	Si3863DV	P	Level Shift	-12		0.105	0.125	0.165		2.5		0.83	
	Si3861DV	P	Level Shift	-20	0.105	0.175				2.3		0.83	
LITTLE FOOT <i>Plus</i> TM Level-Shift Devices SC-70 (6 Leads)	Si1865DL	P	Level Shift	-8		0.215		0.3	0.44	1.2		0.4	
LITTLE FOOT <i>Plus</i> TM Level-Shift Devices SC-89 (6 Leads)	Si1040X	P	Level Shift	-8		0.625		0.890	1.25	0.43		0.174	
LITTLE FOOT <i>Plus</i> TM Drivers SO-16	Si4726CY		Dual N	20	0.013					10		4	
			Ch-1 + driver										
			Dual N	20	0.006						10		4
	Si4728CY		Ch-2 + driver										
			Dual N	30	0.018						10		4
			Ch-1 + driver										
	Si4724CY		Dual N	30	0.022	0.03					10		4
			Ch-2 + driver										
			Dual N	30		0.0375					5.1		1.2
	Ch-1 + driver												
	Dual N	30		0.029					6.5		1.2		
	Ch-2 + driver												



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Temperature Sense Devices D ² PAK-5	SUM60P05-11LT	P	Temperature Sense	-55	0.011	0.0175			60	107	200
	SUB50P05-13LT	P	Temperature Sense	-55	0.01	0.019			50	107	200
	SUM60N04-05LT	N	Temperature Sense	40	0.0045	0.0065			60	130	200
	SUM60N04-06T	N	Temperature Sense	40	0.0055				60	115	200
	SUB50N04-07T	N	Temperature Sense	40	0.0075				50	115	200
	SUM60N04-12LT	N	Temperature Sense	40	0.009	0.012			60	51	110
	SUB60N04-15LT	N	Temperature Sense	40	0.012	0.015			60	51	110
	SUM60N08-07T	N	Temperature Sense	75	0.007				60	110	300
Current Sense Devices D ² PAK-5	SUM50N03-13LC	N	Current Sense	30	0.013	0.017			50	35	83
	SUB50N03-20C	N	Current Sense	30	0.015	0.02			50	35	83
	SUM60N08-07C	N	Current Sense	75	0.007				60	110	300
Current Sense Devices SO-8	Si4730EY	N	Current Sense	30	0.015	0.02			11.7	34	3.6
Current Sense Devices TSSOP-8	Si6862DQ	N	Current Sense	20		0.026	0.036		6.6	25	1.8
Battery Switch Devices SO-16	Si4710CY	P	ASM Battery Disconnect Switch	-30	0.018				6		2.3
	Si4720CY	P	ASM Battery Disconnect Switch	-30	0.02				6		2.5
	Si4719CY	P	ASM Battery Disconnect Switch	-30	0.04				6		2.4
Battery Switch Devices SO-8	Si4927DY	P	Common Drain	-30	0.028	0.045			7.4	38	2.5
Battery Switch Devices TSSOP-8	Si6875DQ	P	Common Drain	-20		0.027	0.036	0.052	6.4	26	1.78
	Si6965DQ	P	Common Drain	-20		0.035	0.06		5	17.5	1.5
	Si6880EDQ	N	Common Drain	20		0.018	0.022	0.026	7.5	27	1.78
	Si6968EDQ-REVA	N	Common Drain	20		0.022	0.03		6.5	16	1.5
	Si6968ADQ	N	Common Drain	20		0.022	0.03		6.2	13.5	1.5
	Si6968DQ	N	Common Drain	20		0.022	0.03		6.5	16	1.5
	Si6874EDQ	N	Common Drain	20		0.026	0.031	0.039	6.5	12.5	1.67
	Si6866DQ	N	Common Drain	20		0.03	0.04		5.8	11	1.67
	Si6966DQ	N	Common Drain	20		0.03	0.04		4.5	13	1
	Si6876EDQ	N	Common Drain	30*	0.0125**	0.0150**	0.0250**		6.2	13	1.78
Battery Switch Devices PowerPAK 1212-8	Si7900EDN	N	Common Drain	20		0.026	0.031	0.039	9	12.5	3.2
	Si7902EDN	N	Common Drain	30		0.028	0.030***	0.043	8.3	10	3.2
Battery Switch Devices MICRO FOOT™	Si8900EDB	N	Common Drain	20*		0.012**	0.013**	0.017**	0.020**	7	1.8
	Si8902EDB	N	Common Drain	20*		0.0225**	0.024**	0.0285**	0.036**	5	1.7

*V_{SS}, **r_{SS} ÷ 2, ***V_{GS} = 3.7V

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PRODUCT DESCRIPTION	TYPE	CONFIGURATION	V _{DS} (V)	r _{DS(ON)} @10.0V	r _{DS(ON)} @4.5V	r _{DS(ON)} @3.3V	r _{DS(ON)} @2.5V	r _{DS(ON)} @1.8V	I _D (A) MAX.	Q _g (nC) Typ.	P _D (W) MAX.	
N-Channel Dual Asymmetrics SO-16	Si4726CY	Dual N Ch-1 + driver	20	0.013					10		4	
		Dual N Ch-2 + driver	20	0.006					10		4	
	Si4728CY	Dual N Ch-1 + driver	30	0.018					10		4	
		Dual N Ch-2 + driver	30	0.022	0.03				10		4	
	Si4724CY	Dual N Ch-1 + driver	30		0.0375				5.1		1.2	
		Dual N Ch-2 + driver	30		0.029				6.5		1.2	
N-Channel Dual Asymmetrics SO-8	Si9806DY	Single N Gt-1	25		0.027	0.038			7	14	2.5	
		Single N Gt-2	25		0.4	0.57			1.8	1.2	1	
	Si4926DY	Single N Gt-1	30	0.02	0.03				6.3	8	1.4	
		Single N Gt-2	30	0.01	0.017				10.5	18	2.4	
	Si4806DY	Single N Gt-1	30	0.022	0.03				7.7	34	2.3	
		Single N Gt-2	30	0.25	0.4				2	2.2	2.3	
	Si4924DY	Dual N Ch-1	30	0.022	0.03				6.3	8	1.4	
		Dual N Ch-2	30	0.01	0.014				11.5	25.5	2.4	
	Si4828DY	Dual N Ch-1	30	0.02	0.03				7.5	8	2	
		Dual N Ch-2	30	0.013	0.017				9.8	23	2	
	Si4826DY	Dual N Ch-1	30	0.022	0.03				6.3	8	1.4	
		Dual N Ch-2	30	0.015	0.02				9.5	15	2.4	
	Si4824DY	Dual N Ch-1	30	0.04	0.065				4.7	6.5	1.4	
		Dual N Ch-2	30	0.017	0.027				9	17.5	2.25	
	PRODUCT DESCRIPTION	TYPE	CHANNEL CONFIGURATION	V _{DS} (V)	r _{DS(ON)} @10.0V	r _{DS(ON)} @4.5V	r _{DS(ON)} @3.3V	r _{DS(ON)} @2.5V	r _{DS(ON)} @1.8V	I _D (A) MAX.	Q _g (nC) Typ.	P _D (W) MAX.
	Application Specific MOSFETs (ASMs) SO-8	Si4779CY	ASM			0.045**	0.055***					
Current Limit N												
Si4700DY		ASM Power	12		0.030		0.040					
		Selector Switch	-12		0.070		0.110					
Si4788CY		Dual P	ASM Level Shift	-6		0.02	0.025			5	1.5	
Si4710CY		P	ASM Battery	-30	0.018					6		2.3
			Disconnect Switch									
Si4720CY		P	ASM Battery	-30	0.02					6		2.5
		Disconnect Switch										
Si4719CY	P	ASM Battery	-30	0.04					6		2.4	
		Disconnect Switch										

V_{GS} = 4.75V, *V_{IN} = 3.0V



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N-Channel D ² PAK/TO-263 (SUB and SUM) TO-220 (SUP and VN)	SUB85N02-03/ SUP85N02-03	Single N	20		0.003		0.0034		85	140	250
	SUB85N02-06/ SUP85N02-06	Single N	20		0.006		0.009		85	65	120
	SUB75N03-04/ SUP75N03-04	Single N	30	0.004					75	200	187
	SUB85N03-04P/ SUP85N03-04P	Single N	30		0.007				85	71	166
	SUM85N03-06P	Single N	30	0.006	0.009				85	48	100
	SUB75N03-07/ SUP75N03-07	Single N	30	0.007	0.01				75	70	120
	SUB85N03-07P/ SUP85N03-07P	Single N	30	0.007	0.01				85	60	107
	SUM85N03-08P	Single N	30	0.0075	0.0105				85	13	100
	SUB70N03-09BP/ SUP70N03-09BP	Single N	30	0.009	0.013				70	15.5	93
	SUB70N03-09P/ SUP70N03-09P	Single N	30	0.009	0.015				70	45	93
	SUB45N03-13L/ SUP45N03-13L	Single N	30	0.013	0.02				45	45	88
	SUM110N04-02L	Single N	40	0.0023	0.0038				110	165	437.5
	SUM110N04-03	Single N	40	0.0028					110	165	437.5
	SUB85N04-03/ SUP85N04-03	Single N	40	0.003	0.005				85	165	250
	SUB85N04-04/ SUP85N04-04	Single N	40	0.004					85	160	250
	SUB75N04-05L/ SUP75N04-05L	Single N	40	0.005	0.006				75	130	187
	SUB70N04-10/ SUP70N04-10	Single N	40	0.01	0.014				70	50	107
	SUB75N05-06/ SUP75N05-06	Single N	50	0.006					75	85	187
	SUB45N05-20L/ SUP45N05-20L	Single N	50	0.018	0.02				45	43	93
	SUB75N05-07	Single N	55	0.007	0.009				75	135	158
	SUM110N06-04L	Single N	60	0.0035	0.005				110	150	437.5
	SUB85N06-05/ SUP85N06-05	Single N	60	0.005	0.007				85	155	250
	SUB75N06-07L/ SUP75N06-07L	Single N	60	0.007	0.008				75	75	187
	SUB75N06-08/ SUP75N06-08	Single N	60	0.008					75	85	187
	SUB75N06-12L/ SUP75N06-12L	Single N	60	0.012	0.014				75	59	142
	SUB70N06-14/ SUP70N06-14	Single N	60	0.014					70	45	142
	SUB60N06-18/ SUP60N06-18	Single N	60	0.018					60	39	120
	SUB40N06-25L/ SUP40N06-25L	Single N	60	0.022	0.025				40	40	90

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				@10.0V	@4.5V	@3.3V	@2.5V	@1.8V		Typ.	MAX.	
N-Channel (Cont'd) D ² PAK/TO-263 (SUB and SUM) TO-220 (SUP and VN)	VN66AFD	Single N	60	3.0	5.0				1.46		15	
	SUM110N08-05	Single N	75	0.0048					110	145	437.5	
	SUM110N08-07	Single N	75	0.007					110	110	200	
	SUB85N08-08/ SUP85N08-08	Single N	75	0.008					85	100	250	
	SUB75N08-09L/ SUP75N08-09L	Single N	75	0.009	0.011				75	121	250	
	SUM110N08-10	Single N	75	0.010					110	90	200	
	SUB75N08-10/ SUP75N08-10	Single N	75	0.01					75	85	187	
	VN88AFD	Single N	80	4.0	5.6				1.29		15	
	SUM110N10-09	Single N	100	0.0095					110	110	437.5	
	SUB85N10-10/ SUP85N10-10	Single N	100	0.01	0.012				85	105	250	
	SUM85N15-19	Single N	150	0.019					85	76	375	
	SUP18N15-95	Single N	150	0.095	0.100*				18	20	88	
	SUM65N20-30	Single N	200	0.030					65	90	375	
	VN2406D	Single N	240	6.0			10.0		1.12		20	
	N-Channel DPAK (TO-252 & TO-251)	SUU50N03-07	Single N	30	0.007	0.01				25	60	88
		SUY50N03-07AP	Single N	30	0.007	0.01				25	60	88
SUY50N03-10CP		Single N	30	0.010	0.012				15	13	71	
SUU50N03-10P		Single N	30	0.01	0.014				20	55	71	
SUU06N10-225L		Single N	100	0.2	0.225				6.5	2.7	20	
SUU15N15-95		Single N	150	0.095	0.100*				15	20	62	
SUD50N02-06		Single N	20		0.006		0.009		30	65	100	
SUD40N02-08		Single N	20		0.0085		0.014		40	26	71	
SUD50N03-06P		Single N	30	0.0065	0.0095				25	48	88	
SUD50N03-07		Single N	30	0.007	0.01				20	70	83	
SUD50N03-07AP		Single N	30	0.007	0.01				25	60	88	
SUD50N03-10CP		Single N	30	0.01	0.012				15	13	71	
SUD50N03-09P		Single N	30	0.0095	0.014				21	31	65.2	
SUD50N03-10AP		Single N	30	0.01	0.014				20	55	71	
SUD50N03-10BP		Single N	30	0.01	0.014				20	15.5	71	
SUD50N03-10P		Single N	30	0.01	0.015				50	45	65	
SUD50N03-11		Single N	30	0.011	0.017				50	12	62.5	
SUD50N03-10		Single N	30	0.01	0.019				15	55	83	
SUD40N03-18P		Single N	30	0.018	0.027				40	19	62.5	
SUD30N03-30		Single N	30	0.03	0.045				30	18	50	
SUD40N04-10A		Single N	40	0.01	0.014				40	35	71	
SUD30N04-10		Single N	40	0.01	0.014				30	50	97	
SUD25N04-25		Single N	40	0.025	0.04				25	13	33	
SUD45N05-20L		Single N	50	0.018	0.02				30	43	75	
SUD35N05-26L		Single N	55	0.020	0.026				35	10.5	50	
SUD40N06-25L		Single N	60	0.022	0.025				20	40	75	
SUD25N06-45L		Single N	60	0.035	0.045				25	26	50	
SUD15N06-90L		Single N	60	0.065	0.09				15	12	37	
SUD40N08-16		Single N	80	0.016					40	42	100	
SUD40N10-25		Single N	100	0.025	0.028				40	40	33	
SUD06N10-225L		Single N	100	0.2	0.225				6.5	2.7	20	
SUD25N15-52		Single N	150	0.052	0.060*				25	33	100	
SUD15N15-95	Single N	150	0.095	0.100*				15	20	62		
SUD19N20-90	Single N	200	0.090	0.105*				19	34	100		

*V_{GS} = 6.0V



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N-Channel TO-52	VN10LE	Single N	60	5.0	7.5				0.38		1.5
N-Channel TO-92	TN0201L	Single N	20	1.2	2.0	4.0			0.64		0.8
	VN0300L	Single N	30	1.2	3.3				0.64		0.8
	TN0401L	Single N	40	1.2	2.0	4.0			0.64		0.8
	TN0601L	Single N	60	1.8	3.0	5.0			0.47		0.8
	VN0606L	Single N	60	3.0					0.33		0.8
	2N7000	Single N	60	5.0	5.3				0.20		0.4
	VN0610L	Single N	60	5.0	7.5				0.27		0.8
	BS170	Single N	60	5.0					0.50		0.8
	VN0610LL	Single N	60	5.0	7.5				0.28		0.8
	VN2222LL	Single N	60	7.5					0.28		0.8
	VN2222L	Single N	60	7.5					0.27		0.8
	VN0808L	Single N	80	4.0					0.30		0.8
	VN1206L	Single N	120	6.0					0.23		0.8
	VN2010L	Single N	200	10.0					0.19		0.8
	BS107	Single N	200				28.0		0.12		0.5
	VN2406L	Single N	240	6.0					0.18		0.8
	VN2410L	Single N	240	10.0					0.18		0.8
	TN2410L	Single N	240	10.0			15.0		0.18		0.8
	TN2460L	Single N	240	60.0					0.75		0.8
	TN3012L	Single N	240	12.0	20.0				0.18		0.8
VN3515L	Single N	350		15.0				0.15		0.8	
VN4012L	Single N	400		12.0				0.16		0.8	
VN50300L	Single N	500	300.0					0.03		0.8	
N-Channel TO-92S	VN0300LS	Single N	30	1.2	3.3				0.67		0.9
	VN10KLS	Single N	60	5.0	7.5				0.31		0.9
	VN10LLS	Single N	60	5.0	7.5				0.32		0.9
	VN0808LS	Single N	80	4.0					0.33		0.9
	VN2410LS	Single N	240	10.0					0.19		0.9
N-Channel PowerPAK SO-8	Si7858DP	Single N	12		0.003		0.004		29	40	5.4
	Si7882DP	Single N	12		0.0055		0.008		22	21	5
	Si7940DP	Dual N	12		0.017		0.025		11.8	11.5	3.5
	Si7862DP	Single N	16		0.0033		0.0055		29	48	5.4
	Si7868DP	Single N	20	0.00225		0.00275			29	50	5.4
	Si7866DP	Single N	20	0.0025	0.00325				29	40	5.4
	Si7864DP	Single N	20		0.0035		0.0047		29	47	5.4
	Si7458DP	Single N	20		0.0045		0.0075		22	38	5.2
	Si7448DP	Single N	20		0.0065		0.009		22	38	5.2
	Si7880DP	Single N	30	0.003	0.00425				29	40.5	5.4
	Si7892DP	Single N	30	0.0045	0.006				25	25	5.4
	Si7856DP	Single N	30	0.0045	0.0055				25	34	5.4
	Si7886DP	Single N	30	0.0045	0.0055				25	42	5.4
	Si7894DP	Single N	30	0.0045	0.0055				25	48	5.4
	Si7358DP	Single N	30	0.00525	0.007				23	30.5	5.4
	Si7440DP	Single N	30	0.0065	0.008				21	29	5.4
	Si7446DP	Single N	30	0.0075	0.010				19	36	5.2
	Si7860DP	Single N	30	0.008	0.011				18	13	5
	Si7840DP	Single N	30	0.0095	0.014				18	15.5	5.0
	Si7888DP	Single N	30	0.012	0.020				15.7	8.7	5
	Si7844DP	Dual N	30	0.022	0.030				10	13	3.5
	Si7884DP	Single N	40	0.007	0.0095				20	18.5	5.2
	Si7848DP	Single N	40	0.009	0.012				17	18.5	5
	Si7370DP	Single N	60	0.011	0.013*				15.8	46	5.2
	Si7850DP	Dual N	60	0.022	0.031				10.3	18	4.5
	Si7852DP	Single N	80	0.0165	0.022*				12.5	34	5.2
	Si7456DP	Single N	100	0.025	0.028*				9.3	36	5.2
	Si7454DP	Single N	100	0.034	0.040*				7.8	24	4.8
	Si7846DP	Single N	150	0.050					6.7	30	5.2
	Si7898DP	Single N	150	0.085	0.095*				4.8	17	5
Si7450DP	Single N	200	0.080	0.090*				5.3	34	5.2	

*V_{GS} = 6.0V

Power MOSFETs

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PRODUCT DESCRIPTION	TYPE	CONFIGURATION	V _{DS} (V)	r _{DS(ON)} @10.0V	r _{DS(ON)} @4.5V	r _{DS(ON)} @3.3V	r _{DS(ON)} @2.5V	r _{DS(ON)} @1.8V	I _D (A) MAX.	Q _g (nC) Typ.	P _D (W) MAX.
N-Channel SO-8	Si4838DY	Single N	12		0.003		0.004		25	40	3.5
	Si4836DY	Single N	12		0.003		0.004	0.005	25	36	3.5
	Si4866DY	Single N	12		0.0055		0.008		17	21	3.0
	Si4862DY	Single N	16		0.0033		0.0055		25	47	3.5
	Si4864DY	Single N	20		0.0035		0.0047		25	47	3.5
	Si4876DY	Single N	20		0.005		0.0075		21	55	3
	Si4408DY	Single N	20	0.0045	0.0068				21	21	3.5
	Si4466DY	Single N	20		0.009		0.013		13.2	50	2.5
	Si9426DY	Single N	20		0.013		0.016		10	46.5	2.5
	Si4426DY	Single N	20		0.025		0.035		8.5	25	2.5
	Si4966DY	Dual N	20		0.025		0.035		7.1	25	2
	Si9428DY	Single N	20		0.03		0.04		6	21	2.5
	Si9926ADY	Dual N	20		0.030		0.040		6	13	2.0
	Si9925DY	Dual N	20		0.05		0.08		5	9	2
	Si9802DY	Dual N	20		0.055	0.075			4.5	5.5	2
	Si9956DY	Dual N	20	0.1	0.2				3.5	7	2
	Si9804DY	Single N	25		0.023	0.03			7.8	13.5	2.5
	Si4442DY	Single N	30	0.0045	0.005		0.0075		22	36	3.5
	Si4406DY	Single N	30	0.0045	0.0055				20	34	3.5
	Si4366DY	Single N	30	0.0048	0.0055				20	48	3.5
	Si4364DY	Single N	30	0.0045	0.0055				20	48	3.5
	Si4842DY	Single N	30	0.0045	0.006				23	25	3.5
	Si4362DY	Single N	30	0.0045	0.0055				20	42	3.5
	Si4858DY	Single N	30	0.00525	0.007				20	30.5	3.5
	Si4356DY	Single N	30	0.006	0.0075				17	30	3
	Si4404DY	Single N	30	0.004	0.008				23	36	3.5
	Si4430DY	Single N	30	0.004	0.008				23	36	3.5
	Si4856DY	Single N	30	0.006	0.0085				17	21	3
	Si4888DY	Single N	30	0.007	0.01				16	16.3	3.5
	Si4872DY	Single N	30	0.0075	0.01				15	27	3.1
	Si4874DY	Single N	30	0.007	0.01				15	35	3.1
	Si4860DY	Single N	30	0.008	0.011				16	13	3.5
	Si4420DY	Single N	30	0.009	0.013				12.5	35	2.5
	Si4886DY	Single N	30	0.01	0.013				13	14.5	2.95
	Si4880DY	Single N	30	0.008	0.014				13	19.5	2.5
	Si4822DY	Single N	30	0.01	0.015				12	31	2.5
	Si4884DY	Single N	30	0.01	0.016				12	15.3	2.95
	Si4922DY	Dual N	30	0.02	0.018				8.8	22	8.8
	Si4894DY	Single N	30	0.012	0.018				12.5	20	3
	Si4410DY-REVA	Single N	30	0.013	0.02				10	22.5	2.5
	Si4892DY	Single N	30	0.012	0.020				12.4	8.7	3.1
	Si4820DY	Single N	30	0.013	0.02				10	20	2.5
	Si4882DY	Single N	30	0.01	0.02				11	13.5	2.5
	Si4890DY	Single N	30	0.012	0.02				11	14.2	2.5
	Si4416DY	Single N	30	0.018	0.028				9	13	2.5
Si4802DY	Single N	30	0.02	0.03				8.4	13	2.5	



PRODUCT DESCRIPTION	TYPE	CONFIGURATION	V _{DS} (V)	r _{DS(ON)} @10.0V	r _{DS(ON)} @4.5V	r _{DS(ON)} @3.3V	r _{DS(ON)} @2.5V	r _{DS(ON)} @1.8V	I _D (A) MAX.	Q _g (nC) Typ.	P _D (W) MAX.	
N-Channel SO-8 Cont'd	Si4804DY	Dual N	30	0.022	0.03				7.5	13	2	
	Si4800DY	Single N	30	0.018	0.033				9	8.7	2.5	
	Si4412ADY	Single N	30	0.024	0.035				8	16	2.5	
	Si4920DY	Dual N	30	0.025	0.035				6.9	15	2	
	Si4412DY	Single N	30	0.028	0.042				7	19.5	2.5	
	Si9410DY	Single N	30	0.03	0.05				7	24	2.5	
	Si4936ADY	Dual N	30	0.036	0.053				5.9	13	2	
	Si4936DY	Dual N	30	0.037	0.055				5.8	18	2	
	Si9436DY	Single N	30	0.04	0.06				6.8	14	3	
	Si9936DY	Dual N	30	0.05	0.08				5	13.5	2	
	Si4840DY	Single N	40	0.009	0.012				14	18.5	3.1	
	Si4942DY	Dual N	40	0.021	0.028				7.4	21	2.1	
	Si4940DY	Dual N	40	0.036	0.059				5.7	13.5	2.1	
	Si4470EY	Single N	60	0.011	0.013*				12.7	46	3.75	
	Si4450DY	Single N	60	0.024	0.03*				7.5	31	2.5	
	Si4850EY	Single N	60	0.022	0.031				8.5	18	3.3	
	Si4946EY	Dual N	60	0.055	0.075				4.5	19	2	
	Si9945AEY	Dual N	60	0.08	0.1				3.7	11	2.4	
	Si4896DY	Single N	80	0.02	0.022*				9.5	34	3.1	
	Si4480DY	Single N	80	0.035	.04*				6	30	2.5	
	Si4480EY	Single N	80	0.035	.04*				6.2	30	3	
	Si4980DY	Dual N	80	0.075	.095*				3.7	15	2	
	Si4486EY	Single N	100	0.025	0.028*				7.9	36	3.8	
	Si4496DY	Single N	100	0.025	0.031*				7.7	29	3.1	
	Si4484EY	Single N	100	0.034	0.040*				6.9	24	3.8	
	Si4482DY	Single N	100	0.06	.08*				4.6	30	2.5	
	Si4982DY	Dual N	100	0.15	0.18*				2.6	15	2	
	Si4488DY	Single N	150	0.05					5	30	3.1	
	Si4848DY	Single N	150	0.085	0.095*				3.7	17	3	
	Si4490DY	Single N	200	0.08	0.090*				4	34	3.1	
	Si9422DY	Single N	200	0.42					1.7	13	2.5	
	Si6466ADQ	Single N	20		0.014			0.02		8.1	18	1.5
	N-Channel TSSOP-8	Si6466DQ	Single N	20		0.014			0.021		7.8	34
Si6426DQ		Single N	20		0.035			0.04		5.4	18	1.5
Si6926DQ		Dual N	20		0.035	0.04	0.045			4	12	1
Si6925DQ		Dual N	20		0.05	0.06	0.08			3.4	7.5	1
Si6802DQ		Single N	20		0.075	0.11				3.3	4.5	1.5
Si6946DQ		Dual N	20		0.08		0.11			2.8	16	1
Si6956DQ		Dual N	20	0.09	0.175					2.5	7.0	1
Si6404DQ		Single N	30	0.009	0.010			0.014		11	32	1.75
Si6410DQ		Single N	30	0.014	0.021					7.8	22	1.5
Si6434DQ		Single N	30	0.028	0.042					5.6	18	1.5
Si6928DQ		Dual N	30	0.035	0.05					4	9	1
Si6954ADQ		Dual N	30	0.053	0.075					3.4	8	1
Si6954DQ		Dual N	30	0.065	0.095					3.9	9.8	1

*V_{GS} = 6.0V

Power MOSFETs

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PRODUCT DESCRIPTION	TYPE	CONFIGURATION	V _{DS} (V)	r _{DS(ON)} @10.0V	r _{DS(ON)} @4.5V	r _{DS(ON)} @3.3V	r _{DS(ON)} @2.5V	r _{DS(ON)} @1.8V	I _D (A) MAX.	Q _g (nC) Typ.	P _D (W) MAX.
N-Channel PowerPAK 1212-8	Si7904DN	Dual N	20		0.030		0.036	0.045	7.7	10.2	2.8
	Si7404DN	Single N	30	0.013	0.015		0.022		13.3	47	3.8
	Si7806DN	Single N	30	0.011	0.0175				14.4	8.5	3.8
	Si7414DN	Single N	60	0.025	0.036				8.7	16	3.8
	Si7810DN	Single N	100	0.062	0.084*				5.4	13.5	3.8
N-Channel TSOP-6	Si3460DV	Single N	20		0.027		0.032	0.038	6.8	13.5	2
	Si3446DV	Single N	20		0.045		0.065		5.3	10	2
	Si3442DV	Single N	20		0.07		0.095		4	7	2
	Si3900DV	Dual N	20		0.125		0.2		2.4	2.1	1.15
	Si3434DV	Single N	30		0.034		0.050		6.1	8	2.0
	Si3424DV	Single N	30	0.028	0.038				6.7	11.5	2
	Si3454DV	Single N	30	0.065					4.2	8	2
	Si3456DV	Single N	30	0.045	0.065				5.1	5.7	2
	Si3454ADV	Single N	30	0.06	0.085				4.5	9	2
	Si3948DV	Dual N	30	0.11	0.175				2.5	2.1	1.15
	Si3458DV	Single N	60	0.1	0.13				3.2	8	2
	Si3430DV	Single N	100	0.17	0.185*				2.4	5.5	2
	Si3420DV	Single N	200	3.7					0.5	2.2	2.1
	Si3422DV	Single N	200	5					0.42	2.1	2.1
	N-Channel 1206-8 ChipFET™	Si5406DC	Single N	12	0.020			0.025		9.5	13.7
Si5404DC		Single N	20	0.03			0.045		7.2	12	2.5
Si5904DC		Dual N	20	0.075			0.134		4.2	4	2.1
Si5402DC		Single N	30	0.035	0.055				6.7	13	2.5
Si5902DC		Dual N	30	0.085	0.143				3.9	5	2.1
N-Channel SOT-23	Si2314EDS	Single N	20		0.033		0.04	0.051	4.9	11.0	1.25
	Si2312DS	Single N	20		0.033		0.04	0.051	4.9	11.2	1.25
	Si2302DS	Single N	20		0.085		0.115		2.8	5.4	1.25
	Si2302ADS	Single N	20		0.085		0.115		2.4	5.4	0.9
	TN0200T	Single N	20		0.4		0.5		0.73	1.9	0.35
	TN0200TS	Single N	20		0.4		0.5		1.2	1.9	1.0
	TN0201T	Single N	20	0.75	1.0				0.39	1.4	0.35
	Si2316DS	Single N	30	0.050	0.085				3.4	4.3	0.96
	Si2306DS	Single N	30	0.057	0.094				3.5	4.2	1.25
	Si2304DS	Single N	30	0.117	0.19				2.5	2.4	1.25
	Si2308DS	Single N	60	0.16	0.22				2	4.8	1.25
	2N7002K	Single N	60	2.0	4.0				0.3	0.4	0.35
	2N7002E	Single N	60	3.0	4.0				0.25	0.4	0.35
	VN0605T	Single N	60	5.0	7.5				0.18		0.36
	Si2328DS	Single N	100	0.25					1.5	3.3	1.25
	Si2320DS	Single N	200	7					0.28	1.1	1.25
	TN2460T	Single N	240	60.0					0.05		0.36
	VN50300T	Single N	500	300.0					0.02		0.35

*V_{GS} = 6.0V



PRODUCT DESCRIPTION	TYPE	CONFIGURATION	V _{DS} (V)	r _{DS(ON)} @10.0V	r _{DS(ON)} @4.5V	r _{DS(ON)} @3.3V	r _{DS(ON)} @2.5V	r _{DS(ON)} @1.8V	I _D (A) MAX.	Q _g (nC) Typ.	P _D (W) MAX.
N-Channel SC-70 (3 Leads)	Si1300DL	Single N	20		2		2.5		0.25	0.35	0.15
	TN0205A	Single N	20		2.0		2.5		0.25	0.35	0.15
	Si1304DL	Single N	25		0.35		0.45		0.75	1.85	0.33
	Si1302DL	Single N	30	0.48	0.7				0.64	0.86	0.31
N-Channel SC-70 (6 Leads)	Si1406DH	Single N	20		0.065		0.075	0.096	3.9	4.9	1.56
	Si1410EDH	Single N	20		0.070		0.080	0.100	3.7	5.6	1.56
	Si1400DL	Single N	20		0.15		0.235		1.7	2.1	0.63
	Si1912EDH	Dual N	20		0.280		0.360	0.450	1.28	0.65	0.74
	Si1902DL	Dual N	20		0.385		0.63		0.7	0.8	0.3
	Si1906DL	Single N	20		2		2.5		0.25	0.35	0.2
	TN0205AD	Dual N	20		2.0		2.5		0.25	0.35	0.20
	Si1904EDH	Dual N	25		0.73		1.04		0.73	0.66	0.74
	Si1426DH	Single N	30	0.075	0.115				3.6	1.9	1.6
	Si1900DL	Dual N	30	0.48	0.7				0.64	0.86	0.30
N-Channel SC-75A	Si1012R	Single N	20		0.7		0.85	1.25	0.5	0.75	0.15
	Si1032R	Single N	20		5.0		7.0	9.0	0.14	0.75	0.20
	Si1022R	Single N	60	1.25	3.0				0.33		0.25
N-Channel SC-89 (3 Leads)	Si1012X	Single N	20		0.7		0.85	1.25	0.5	0.75	0.25
	Si1032X	Single N	20		5.0		7.0	9.0	0.14	0.75	0.20
N-Channel SC-89 (6 Leads)	Si1024X	Dual N	20		0.7		0.85	1.25	0.5	0.75	0.25
	Si1034X	Dual N	20		5.0		7.0	9.0	0.14	0.75	0.20
	Si1026X	Dual N	60	1.25	3.0				0.33		0.25
P-Channel D ² PAK (TO-263) and TO-220	SUB15P01-52/ SUP15P01-52	Single P	-8		0.052		0.07	0.105	15	10.5	25
	SUB75P03-07/ SUP75P03-07	Single P	-30	0.007	0.01				75	160	187
	SUB75P03-08/ SUP75P03-08	Single P	-30	0.008					75	115	187
	SUB65P04-15/ SUP65P04-15	Single P	-40	0.015	0.023				65	85	120
	SUB75P05-08/ SUP75P05-08	Single P	-55	0.008					75	140	250
	SUB65P06-20/ SUP65P06-20	Single P	-60	0.02					65	85	187
P-Channel DPAK (TO-252)	SUD15P01-52	Single P	-8		0.052		0.070	0.105	15	10.5	21.4
	SUD45P03-10	Single P	-30	0.01	0.018				15	90	70
	SUD45P03-15	Single P	-30	0.015	0.024				13	50	70
	SUD45P03-15A	Single P	-30	0.015	0.024				15	60	70
	SUD50P04-15	Single P	-40	0.015	0.023				50	85	100
	SUD10P06-280L	Single P	-60	0.17	0.28				10	11.5	37
P-Channel TO-92	VP0300L	Single P	-30	2.5					0.32		0.8
	BS250	Single P	-45	10.0	25.0				0.18		0.8
	TP0610L	Single P	-60	10.0					0.18		0.8
	VP0808L	Single P	-80	5.0					0.28		0.8
	VP1008L	Single P	-100	5.0					0.28		0.8
	BSS92	Single P	-200	20.0					0.15		1.0
	VP2020L	Single P	-200	20.0					0.12		0.8
	VP2410L	Single P	-240		10.0				0.18		0.8
P-Channel TO-92S	VP0300LS	Single P	-30	2.5					0.50		0.90

Power MOSFETs

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PRODUCT DESCRIPTION	TYPE	CONFIGURATION	V _{DS} (V)	r _{DS(ON)} @10.0V	r _{DS(ON)} @4.5V	r _{DS(ON)} @3.3V	r _{DS(ON)} @2.5V	r _{DS(ON)} @1.8V	I _D (A) MAX.	Q _g (nC) Typ.	P _D (W) MAX.
P-Channel PowerPAK SO-8	Si7445DP	Single P	-20		0.0077		0.0094	0.0125	19	92	5.4
	Si7943DP	Dual P	-30	0.025	0.030		0.045		9.4	47	3.5
	Si7941DP	Dual P	-30	0.027	0.039				9.0	42	3.5
P-Channel SO-8	Si4465DY	Single P	-8		0.009		0.011	0.016	14	80	2.5
	Si4965DY	Dual P	-8		0.021		0.027	0.04	8	36	2
	Si4467DY	Single P	-12		0.011		0.014	0.02	12	85	2.5
	Si4967DY	Dual P	-12		0.023		0.03	0.045	7.5	35	2
	Si9934DY	Dual P	-12		0.05		0.074		5	21	2
	Si4473DY	Single P	-14		0.011		0.016		13	46	3.0
	Si4463DY	Single P	-20		0.014		0.02		10	48	2.5
	Si4403DY	Single P	-20		0.017		0.023	0.032	9	30.5	2.5
	Si9424DY	Single P	-20		0.025		0.033		7.7	46	2.5
	Si4943DY	Dual P	-20	0.019	0.030				8.4	28	2.0
	Si4963DY	Dual P	-20		0.033		0.05		6.2	22	2
	Si9434DY	Single P	-20		0.04		0.06		6.4	30	2.5
	Si9433DY	Single P	-20		0.045		0.07		5.4	20	2.5
	Si9933ADY	Dual P	-20		0.075	0.105			3.4	10	2
	Si9430DY	Single P	-20	0.05	0.09				5.8	27	2.5
	Si4433DY	Single P	-20		0.110		0.160	0.240	3.9	4.4	2.5
	Si9400DY	Single P	-20	0.25	0.4				2.5	5.4	2.5
	Si9953DY	Dual P	-20	0.25	0.4				2.3	6.7	2
	Si9803DY	Single P	-25		0.04				5.9	15.8	2.5
	Si4405DY	Single P	-30	0.0075					17	105	3.5
	Si4427DY	Single P	-30	0.0105	0.0125		0.0195		13.3	47	3
	Si4429DY	Single P	-30	0.0105	0.0125		0.0195		13.0	51	3.0
	Si4825DY	Single P	-30	0.014	0.022				11.5	55	3
	Si4425DY	Single P	-30	0.014	0.023				11	74	2.5
	Si4835DY	Single P	-30	0.019	0.033				8	21	2.5
	Si4435DY-REVA	Single P	-30	0.02	0.035				8	47	2.5
	Si4925DY	Dual P	-30	0.032	0.045				6.1	32	2
	Si4431ADY	Single P	-30	0.03	0.055				7	15	2.5
	Si4431DY	Single P	-30	0.04	0.07				5.8	22	2.5
	Si4953ADY	Dual P	-30	0.053	0.09				4.9	15	2
	Si4953DY	Dual P	-30	0.053	0.095				4.9	16	2
	Si9435DY	Single P	-30	0.055	0.105				5.1	27	2.5
	Si4947ADY	Dual P	-30	0.085	0.19				3.5	8.7	2
	Si4807DY	Single P Gt-1	-30	0.035	0.054				6	34	2.3
	Si4807DY	Single P Gt-2	-30	1.3	2.2				0.9	2	2.3
	Si4401DY	Single P	-40	0.015	0.022				10.5	37.5	3
Si9407AEY	Single P	-60	0.12	0.15				3.5	18	3	
Si4948EY	Dual P	-60	0.12	0.15				3.1	16	2.4	
Si9948AEY	Dual P	-60	0.17	0.26				2.6	10	2.4	



PRODUCT DESCRIPTION	TYPE	CONFIGURATION	V _{DS} (V)	r _{DS(ON)} @10.0V	r _{DS(ON)} @4.5V	r _{DS(ON)} @3.3V	r _{DS(ON)} @2.5V	r _{DS(ON)} @1.8V	I _D (A) MAX.	Q _g (nC) Typ.	P _D (W) MAX.
P-Channel TSSOP-8	Si6465DQ	Single P	-8		0.012		0.017	0.025	8.8	50	1.5
	Si6469DQ	Single P	-8		0.028	0.031	0.04	0.065	6	20	1.5
	Si6967DQ	Dual P	-8		0.03		0.045	0.07	5	20	1.1
	Si6475DQ	Single P	-12		0.011			0.017	10	49.5	1.75
	Si6467DQ	Single P	-12		0.014		0.019	0.027	8	49	1.5
	Si6975DQ	Dual P	-12		0.027		0.035	0.046	5.1	23	1.14
	Si6969DQ	Dual P	-12		0.034		0.05	0.075	4.6	21	1.1
	Si6433DQ	Single P	-12		0.06		0.09		4	20	1.5
	Si6943DQ	Dual P	-12		0.1		0.18		2.5	9	1
	Si6473DQ	Single P	-20		0.012		0.016	0.021	9.5	47.5	1.75
	Si6463ADQ	Single P	-20		0.017		0.023	0.032	7.4	30.5	1.5
	Si6463DQ	Single P	-20		0.02		0.03		6.5	33	1.5
	Si6973DQ	Dual P	-20		0.03			0.055	4.8	21	1.14
	Si6963DQ	Dual P	-20		0.05		0.085		3.2	14.5	1
	Si6447DQ	Single P	-20	0.09	0.160				3.2	15	1.5
	Si6953DQ	Dual P	-20	0.17	0.32				1.9	7	1
	Si6415DQ	Single P	-30	0.019	0.03				6.5	47	1.5
	Si6435ADQ	Single P	-30	0.03	0.055				5.5	15	1.5
	Si6435DQ	Single P	-30	0.04	0.07				4.5	25	1.5
	Si6955ADQ	Dual P	-30	0.08	0.135				2.9	5.8	1.14
Si6955DQ	Dual P	-30	0.085	0.19				2.5	8.7	1	
Si6459DQ	Single P	-60	0.12	0.15				2.6	16	1.5	
P-Channel PowerPAK 1212-8	Si7405DN	Single P	-12		0.016		0.022	0.028	13	35	3.8
	Si7401DN	Single P	-20		0.021		0.028	0.034	11	29	3.8
	Si7901EDN	Dual P	-20		0.048		0.068	0.090	6.3	12	2.8
	Si7403DN	Single P	-20		0.1		0.135		4.5	8.6	3.5
	Si7415DN	Single P	-60	0.065	0.110				5.7	15	3.8
P-Channel TSOP-6	Si3831DV	Single P	-7		0.17		0.2		2.4	2	1.5
	Si3445DV	Single P	-8		0.042		0.1	0.08	5.6	15	2
	Si3905DV	Dual P	-8		0.125		0.175	0.265	2.5	4.2	1.15
	Si3435DV	Single P	-12		0.036		0.05	0.073	6.3	15	2
	Si3447DV	Single P	-12		0.05		0.1	0.095	5.2	16	2
	Si3915DV	Dual P	-12		0.12		0.2	0.24	2.5	5	1.15
	Si3433DV	Single P	-20		0.042		0.1	0.08	5.6	11.5	2
	Si3443DV	Single P	-20		0.065	0.09	0.1		4.4	8.5	2
	Si3441DV	Single P	-20		0.1		0.135		3.3	8.6	2
	Si3911DV	Dual P	-20		0.145		0.2	0.3	2.2	5	1.15
	Si3909DV	Dual P	-20		0.2	0.235	0.34		1.8	2.7	1.15
	Si3457DV	Single P	-30	0.065	0.1				4.3	11	2
	Si3455ADV	Single P	-30	0.1	0.17				3.5	8.5	2
	Si3455DV	Single P	-30	0.1	0.19				3.5	5.1	2
	Si3459DV	Single P	-60	0.22	0.31				2.2	7	2
P-Channel MICROFOOT	Si8405DB	Single P	-12		0.055		0.070	0.090	4.9	14	2.77
	Si8401DB	Single P	-20		0.070		0.100		4.9	11	2.77

Power MOSFETs

Vishay



PRODUCT DESCRIPTION	TYPE	CONFIGURATION	V _{DS} (V)	r _{DS(ON)} @10.0V	r _{DS(ON)} @4.5V	r _{DS(ON)} @3.3V	r _{DS(ON)} @2.5V	r _{DS(ON)} @1.8V	I _D (A) MAX.	Q _g (nC) Typ.	P _D (W) MAX.
P-Channel 1206-8 ChipFET™	Si5445DC	Single P	-8		0.035		0.047	0.062	7.1	17	2.5
	Si5915DC	Dual P	-8		0.070		0.108	0.162	4.6	5.9	2.1
	Si5905DC	Dual P	-8		0.090		0.13	0.18	4.1	5.5	2.1
	Si5475DC	Single P	-12		0.031		0.041	0.054	7.6	19	2.5
	Si5465EDC	Single P	-12		0.037		0.048	0.065	7.0	13.5	2.5
	Si5975DC	Dual P	-12		0.86		0.127	0.164	4.1	5.7	2.1
	Si5433DC	Single P	-20		0.04		0.052	0.072	6.7	15	2.5
	Si5461EDC	Single P	-20		0.045		0.06	0.082	6.2	12.5	2.5
	Si5441DC	Single P	-20		0.055	0.06	0.083		5.3	11	2.5
	Si5463EDC	Single P	-20		0.062		0.085	0.120	5.1	9.7	2.3
	Si5443DC	Single P	-20		0.065	0.074	0.11		4.9	9	2.5
	Si5447DC	Single P	-20		0.076		0.11	0.16	4.8	6.5	2.5
	Si5933DC	Dual P	-20		0.11		0.16	0.24	3.6	4.4	2.1
	Si5903DC	Dual P	-20		0.155	0.18	0.26		2.9	3	2.1
	Si5435DC	Single P	-30	0.05	0.08				5.6	16	2.5
Si5449DC	Single P	-30		0.085		0.135		4.3	7.2	2.5	
P-Channel SOT-23	Si2311DS	Single P	-8		0.045		0.072	0.120	3.5	8.5	0.96
	Si2305DS	Single P	-8		0.052		0.071	0.108	3.5	10	1.25
	Si2335DS	Single P	-12		0.051		0.07	0.106	4	9	1.25
	Si2315DS	Single P	-12		0.055		0.075	0.118	3.5	9	1.25
	Si2301DS	Single P	-20		0.13		0.19		2.3	5.8	1.25
	Si2301ADS	Single P	-20		0.13		0.19		2.0	4.2	0.9
	TP0101T	Single P	-20		0.65		0.85		0.6	2.0	0.35
	TP0101TS	Single P	-20		0.65		0.85		1.0	2.0	1.0
	TP0202T	Single P	-20	1.4	3.5				0.41	2.7	0.35
	Si2307DS	Single P	-30	0.08	0.14				3	10	1.25
	Si2303DS	Single P	-30	0.24	0.46				1.7	5.8	1.25
	Si2303ADS	Single P	-30	0.24	0.46				1.4	4.5	0.9
	TP0202K	Single P	-30	1.4	3.5				0.385	0.175	0.35
	Si2309DS	Single P	-60	0.34	0.55				1.25	5.4	1.25
TP0610K	Single P	-60	5.0	10.0				0.40	1.5	0.25	
P-Channel SC-70 (3 Leads)	Si1305DL	Single P	-8		0.28		0.38	0.53	0.92	2.6	0.34
	Si1307DL	Single P	-12		0.29		0.435	0.58	0.91	3.2	0.34
	Si1303DL	Single P	-20		0.43	0.48	0.7		0.72	1.7	0.34
	Si1301DL	Single P	-20		3.8		5.0		0.18	0.35	0.15
	TP0205A	Single P	-20		3.8		5.0		0.18	0.3	0.15
P-Channel SC-70 (6 Leads)	Si1405DL	Single P	-8		0.125		0.16	0.21	1.8	5.5	0.63
	Si1905DL	Dual P	-8		0.6		0.85	1.2	0.6	1.5	0.3
	Si1417EDH	Single P	-12		0.085		0.115	0.160	3.3	5.8	1.56
	Si1417DH	Single P	-12		0.085		0.115	0.160	3.3	7	1.56
	Si1407DL	Single P	-12		0.13		0.17	0.225	1.8	5.5	0.63
	Si1917EDH	Dual P	-12		0.370		0.575	0.800	1.15	1.3	0.73
	Si1907DL	Dual P	-12		0.65		0.925	1.31	0.56	1.5	0.3
	Si1413EDH	Single P	-20		0.115		0.155	0.220	2.9	5.6	1.56
	Si1413DH	Single P	-20		0.115		0.155	0.220	2.9	6	1.56
	Si1403DL	Single P	-20		0.18	0.2	0.265		1.5	3.7	0.63
	Si1913EDH	Dual P	-20		0.490		0.750	1.10	1.0	1.2	0.74
	Si1903DL	Dual P	-20		0.995	1.19	1.8		0.44	1.2	0.3
	Si1901DL	Dual P	-20		3.8		5		0.18	0.35	0.2
TP0205AD	Dual P	-20		3.8		5.0		0.18	0.3	0.20	



PRODUCT DESCRIPTION	TYPE	CONFIGURATION	V _{DS} (V)	r _{DS(ON)} @10.0V	r _{DS(ON)} @4.5V	r _{DS(ON)} @3.3V	r _{DS(ON)} @2.5V	r _{DS(ON)} @1.8V	I _D (A) MAX.	Q _g (nC) Typ.	P _D (W) MAX.
P-Channel SC-75A	Si1013R	Single P	-20		1.2		1.6	2.7	0.37	1.5	0.25
	Si1031R	Single P	-20		8.0		12.0	15.0	0.14	1.5	0.25
	Si1021R	Single P	-60	5.0	10.0				0.17	1.3	0.25
P-Channel SC-89 (3 Leads)	Si1013X	Single P	-20		1.2		1.6	2.7	0.40	1.5	0.30
	Si1031X	Single P	-20		8.0		12.0	15.0	0.16	1.5	0.30
P-Channel SC-89 (6 Leads)	Si1039X	Single P	-12		0.165		0.220	0.280	0.95	3.8	0.21
	Si1037X	Single P	-20		0.195		0.260	0.350	0.84	3.5	0.21
	Si1023X	Dual P	-20		1.2		1.6	2.7	0.40	1.5	0.30
	Si1033X	Dual P	-20		8.0		12.0	15.0	0.16	1.5	0.30
	Si1025X	Dual P	-60	5.0	10.0				0.16	1.3	0.30
N and P-Channel SO-8	Si4503DY	N	30	0.018	0.027				8.8	4.5	2.27
		P	-8		0.042		0.06		4.5	15	1.38
	Si4501DY	N	30	0.018	0.027				9	4.5	2.5
		P	-8		0.042		0.06		6.2	15	2.5
	Si4505DY	N	30	0.018	0.027				7.8	11.5	2
		P	-8		0.042		0.06		6.0	13.5	1.3
	Si4562DY	N	20		0.025		0.035		7.1	25	2
		P	-20		0.033		0.05		6.2	22	2
	Si4500DY	N	20		0.03		0.04		7	13	2.5
		P	-20		0.065		0.1		4.5	8.5	2.5
	Si9801DY	N	20		0.055	0.075			4.5	5.2	2
		P	-20		0.08	0.12			4	7.9	2
	Si9942DY	N	20	0.125	0.25				3	7	2
		P	-20	0.2	0.35				2.5	6.7	2
	Si4542DY	N	30	0.025	0.035				6.9	30	2
		P	-30	0.032	0.045				6.1	32	2
	Si4544DY	N	30	0.035	0.05				6.5	18	2.4
		P	-30	0.045	0.09				5.7	19	2.4
	Si4539ADY	N	30	0.036	0.053				5.9	13	2
		P	-30	0.053	0.09				4.9	15	2
	Si4539DY	N	30	0.037	0.055				5.8	18	2
		P	-30	0.053	0.095				4.9	16	2
	Si4558DY	N	30	0.04	0.06				6	16	2.4
		P	-30	0.04	0.07				6	22	2.4
	Si4532ADY	N	30	0.053	0.075				4.9	8	2
		P	-30	0.08	0.135				-3.9	10	2
	Si9939DY	N	30	0.05	0.08				3.5	14	2
		P	-30	0.1	0.16				3.5	14.5	2
	Si4532DY	N	30	0.065	0.095				3.9	9.8	2
		P	-30	0.085	0.19				3.5	8.7	2
Si4559EY	N	60	0.055	0.075				4.5	19	2.4	
	P	-60	0.12	0.15				3.1	16	2.4	



PRODUCT DESCRIPTION	TYPE	CONFIGURATION	V _{DS} (V)	r _{DS(ON)} @10.0V	r _{DS(ON)} @4.5V	r _{DS(ON)} @3.3V	r _{DS(ON)} @2.5V	r _{DS(ON)} @1.8V	I _D (A) MAX.	Q _g (nC) Typ.	P _D (W) MAX.
N and P-Channel TSSOP-8	Si6552DQ	N	20		0.08		0.11		2.8	16	1
		P	-12		0.1		0.18		2.5	9	1
	Si6562DQ	N	20		0.03		0.04		4.5	13	1
		P	-20		0.05		0.085		3.5	14.5	1
	Si6803DQ	N	20		0.095	0.145			2.5	3.8	1
		P	-20		0.11	0.165			2.3	5.2	1
	Si6801DQ	N	20		0.16	0.26			1.9	1.7	1
		P	-20		0.19	0.28			1.7	3.5	1
	Si6542DQ	N	20	0.09	0.175				2.5	7.0	1
		P	-20	0.17	0.32				1.9	7.0	1
Si6544DQ	N	30	0.035	0.05				4	17.5	1	
	P	-30	0.045	0.09				3.5	17	1	
Si6543DQ	N	30	0.065	0.095				3.9	9.8	1	
	P	-30	0.085	0.19				2.5	8.7	1	
N and P-Channel TSOP-6	Si3588DV	N	20		0.08		0.1	0.128	3	5	1.15
		P	-20		0.145		0.2	0.3	2.2	5	1.15
	Si3585DV	N	20		0.125		0.200		2.4	2.1	1.15
		P	-20		0.200		0.340		1.8	2.7	1.15
	Si3850DV	N	20		0.5	0.75			1.2	0.8	1.25
		P	-20		1	1.3			0.85	1.1	1.25
	Si3552DV	N	30	0.105	0.175				2.5	2.1	1.15
		P	-30	0.2	0.36				1.8	2.4	1.15
N and P-Channel ChipFET™1206-8	Si5513DC	N	20		0.075		0.134		4.2	4	2.1
		P	-20		0.155		0.3		2.9	3	2.1
	Si5504DC	N	30	0.085	0.143				3.9	5	2.1
		P	-30	0.165	0.29				2.8	5.5	2.1
N and P-Channel SC-70 (6 Leads)	Si1555DL	N	20		0.385		0.63		0.7	0.8	0.3
		P	-8		0.6		0.85	1.2	0.6	1.5	0.3
	Si1563EDH	N	20		0.280		0.36	0.450	1.28	0.65	0.74
		P	-20		0.490		0.750	1.10	1.00	1.2	0.3
	Si1553DL	N	20		0.385		0.63		0.7	0.8	0.3
		P	-20		0.995		1.8		0.44	1.2	0.3
	Si1551DL	N	20		1.9		4.2		0.3	0.72	0.3
		P	-20		0.995		1.8		0.44	0.52	0.3
	Si1501DL	N	20		2		2.5		0.25	0.3	0.2
		P	-20		3.8		5		0.18	0.3	0.2
	TC0205AD	N	20		2.0		2.5		0.25	0.35	0.20
		P	-20		3.8		5.0		0.18	0.35	0.20
Si1539DL	N	30	0.48	0.7				0.63	0.86	0.3	
	P	-30	0.94	1.7				0.45	0.90	0.3	
N and P-Channel SC-89 (6 Leads)	Si1016X	N	20		0.7		0.85	1.25	0.50	0.75	0.30
		P	-20		1.2		1.6	2.7	0.40	1.5	0.30
	Si1035X	N	20		5.0		7.0	9.0	0.14	0.75	0.20
		P	-20		8.0		12.0	15.0	0.16	1.5	0.30
	Si1029X	N	60	1.25	3.0				0.33	0.75	0.25
		P	-60	5.0	10.0				0.16	1.3	0.30