MUSFETS

T.39-13

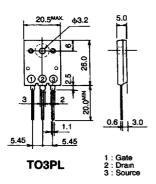


F-II SERIES (toff 30% REDUCED, VGS=30V) (cont'd.)

Device Type		Ratings	Characteristics (Tc=25°C)					
	V _{DSS} (V)	I _D (A)	P _D (W)	R _{DS(ON)} (Ω)	g _{fs} (S)	t _{on} (ns)	t _{off} (ns)	Package
2SK1082	900	6	125	2.8	4.5	145	250	TO3P
2SK962	900	8	150	2	6	280	460	TO3P
2SK1217	900	8	100	2	6	280	460	TO3PF
2SK1512	900	10	150	1.20	6.0	240	525	TO3P
2SK1511	1000	5	100	3.00	3.0	121	285	TO3P

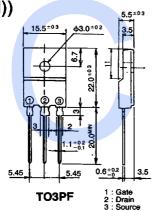
FAP SERIES (High Avalanche Ruggedness)

Device Type	Ratings			Chara				
	V _{DSS} (V)	I _D (A)	PD	R _{DS(ON)} (Ω)	g _{fs} (S)	t _{on} (ns)	t _{off} (ns)	Package
2SK1008-01	500	4.5	_	2.20	3	60	130	TO220
2SK1010-01	500	6	_	1.60	4	70	130	TO220
2SK1012-01	500	10	_	.90	6.5	110	240	TO3P
2SK1014-01	500	12	_	.74	8	140	240	TO3P
2SK1016-01	500	15	_	.55	10	170	330	TO3P
2SK1018-01	500	18	_	.45	10	170	330	TO3P
2SK1554-01	650	3	30	4.50	3.0	90	188	TO220F
2SK1553-01	650	5	40	2.50	5.0	85	280	TO220F
2SK951-01	800	2.5	_	7.00	1.8	60	110	TO220F
2SK1023-01	800	4	_	4.50	4	95	170	TO220
2SK1171-01	800	4		4.50	4	95	170	TO3P
2SK1081-01	800	7	_	2.20	4.5	145	250	TO3P
2SK956-01	800	9	_	1.50	6	280	460	TO3P
2SK957-01	900	2		8.50	1.8	60	110	TO220F
2SK1548-01	900	3.5	40	5.50	4.0	145	255	TO220F
2SK1024-01	900	3.5	_	5.50	4	95	170	TO220
2SK1172-01	900	3.5	_	5.50	4	95	170	TO3P
2SK1082-01	900	6	_	2.80	4.5	145	250	TO3P
2SK962-01	900	8		2.00	6	280	460	TO3P



F-III SERIES (LOGIC LEVEL FETs, VGS=4V, LOW RDS(ON))

	Ratings								
Device		I _D (A)	P _D (W)		$R_{DS(ON)}(\Omega)$				
Туре	V _{DSS} (V)			V _{GS} =4V	V _{GS} =10V	g _{fs} (s)	t _{on} (ns)	t _{off} (ns)	Package
2SK1505	30	35	40	0.037	0.022	17.0	238	720	TO220F
2SK1388	30	35	60	0.037	0.022	17.0	188	720	TO220
2SK1083	60	8	20	0.35	0.22	6	37	_	TO220F
2SK1096	60	13	30	0.19	0.12	11	40		TO220F
2SK1086	60	20	35	0.11	0.07	15	50		TO220F
2SK1387	60	35	40	0.056	0.035	18.0	99	760	TO220F
2SK1089	60	35	80	0.056	0.035	18	66		TO3P
2SK1389	60	50	125	0.040	0.025	36.0	230	850	TO3P
2SK1390	60	50	80	0.040	0.025	36.0	230	850	TO3PF
2SK1084	100	5	20	0.7	0.5	4.5	35		TO220F
2SK1097	100	8	30	0.39	0.28	7	40	_	TO220F
2\$K1087	100	12	35	0.24	0.17	10	62	T - 1	TO220F
2SK1090	100	20	80	0.12	0.08	11	55	_	TO3P
2SK1085	150	3	20	1.17	0.9	3	33		TO220F
2SK1098	150	6	30	0.65	0.50	6	50		TQ220F
2SK1088	150	9	35	0.4	0.3	10	50		TO220F
2SK1091	150	15	80	0.2	0.15	18	55		TO3P



F-V SERIES (FRED MOSFETS)

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		Ratings		Char			
Device Type	V _{DSS} (V)	I _D (A)	P _D (W)	R _{DS(ON)} (Ω) V _{GS} =10V	g _{fs} (s)	t _{on} (ns)	Package
2SK1276	250	20	100	.20	12	100	TO3P
2SK1277	250	30	150	.12	20	100	TO3P
2SK1278	500	10	100	1.10	8	150	TO3P
2SK1279	500	15	125	.58	13	150	TO3P
2SK1280	500	18	150	.50	14	150	TO3P

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MOSFET MODULES

Device	Ratings							
Туре	V _{DSS} (V)	I _D (A)	P _D (W)	R _{DS(ON)} (Ω)	g _{fs} (s)	t _{on} (ns)	t _{off} (ns)	Package
2MI50F-050	500	50	400	0.11	45	530	780	Module
2MI50S-050	500	50	400	0.11	45	530	780	
2MI100F-025	250	100	400	0.032	55		_	Module
2MI100F-050	500	100	800	.062	105	185	630	M210
2MI200F-025	250	200	800	.015	150	175	600	M210
6MI15FS-050	500	15	60	0.40	13	130	560	SIL Module
6MI20FS-025	250	20	40	0.16	12	80	300	SIL Module

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