

# Field Effect Transistors

## Power F-MOS FETs (continued)

Type No.	Package	No.	Application	Absolute Maximum Ratings (Ta = 25 °C)				Electrical Characteristics (Tc = 25 °C)				
				V <sub>DSS</sub> (V)	V <sub>GSS</sub> (V)	I <sub>D</sub> (A)	P <sub>D</sub> (Tc = 25 °C) (W)	R <sub>DS(on)</sub> (max.) (Ω)	Y <sub>fs</sub>   (typ.) (S)	t <sub>on</sub> (typ.) (ns)	t <sub>i</sub> (typ.) (ns)	t <sub>d</sub> (off) (typ.) (ns)
2SK758	TO-220F(a)	D59	Relay DC-DC converter Solenoid Control apparatus Motor driver	250	±20	5	40	0.7	3.0	30	45	90
2SK963	I Type	D48				5	15	0.7	3.0	30	45	90
2SK1478	TO-220F(a)	D59				8	40	0.6	4.7	72	44	136
△2SK2122	TO-220E	D63				8	40	0.6	4.7	40	50	170
2SK1036	TO-220F(a)	D59				10	50	0.3	7.0	60	100	400
2SK766	TO-220F(a)	D59	Relay Solenoid Control apparatus	500	±20	3	40	3.6	2.0	30	35	55
2SK1331	TOP-3F(a)	D67				15	100	0.5	8.0	110	100	330
2SK1406	TOP-3F(a)	D67				20	100	0.4	12	150	140	480
2SK995 ※	TOP-3F(a)	D67	Motor driver	550	±20	5	60	1.8	5.5	50	65	300
2SK996	TO-220F(a)	D59	Switching Power supply	600	±20	4	50	1.8	4.5	40	60	300
2SK1605	TO-220F(a)	D59	Switching Power supply AC adaptor Motor driver	450	±30	5	50	1.3	3.2	70	35	80
△2SK2123	TO-220E	D63				5	50	1.3	2.5	25	35	80
2SK1606	TO-220F(a)	D59				8	50	0.75	5.0	60	70	170
△2SK2124	TO-220E	D63				8	50	0.75	5.0	40	60	270
2SK1607	TOP-3(a)	D64				13	120	0.45	8.0	110	90	220
2SK2032	TOP-3F(a)	D67				13	100	0.45	8.0	110	90	220
2SK1833	TO-220F(a)	D59				2.5	40	4.0	1.5	40	30	55
△2SK2125	TO-220E	D63				2.5	40	4.0	1.5	20	35	100
2SK1608	TO-220F(a)	D59				5	50	1.7	3.5	60	40	80
△2SK2126	TO-220E	D63				5	50	1.7	3.5	30	50	140
2SK1609	TO-220F(a)	D59		8	50	1.0	5.0	100	60	140		
△2SK2127	TO-220E	D63		8	50	1.0	5.0	30	60	140		
2SK1610	TOP-3(a)	D64		13	120	0.6	8.0	100	85	210		
2SK2383	TOP-3E	D69		13	120	0.6	8.0	100	85	210		
2SK2047	I Type	D48		1.2	15	8.0	0.65	30	30	60		
△2SK2323	TO-220E	D63		1	40	8.5	0.54	20	30	90		
△2SK2324	TO-220E	D63		2	40	6.0	0.85	20	30	60		
△2SK2325	TO-220E	D63		3	40	2.5	2.5	30	40	150		
△2SK2326	TO-220E	D63		5	50	1.8	2.8	40	80	280		
△2SK2327	TOP-3E	D69		10	100	0.75	6.0	50	100	400		
2SK1834	TO-220F(a)	D59	800	±30	2	40	7.0	1.1	35	25	60	
△2SK2128	TO-220E	D63			2	40	7.0	1.1	20	35	110	
2SK1980	N Type	D47			2	40	7.0	1.1	35	25	60	
2SK1846	N Type	D47			3	40	4.0	2.4	40	35	105	
2SK1611	TO-220F(a)	D59			3	50	4.0	2.4	40	35	105	
△2SK2129	TO-220E	D63			3	50	4.0	2.4	35	50	160	
△2SK2210	TO-220E	D63			4	50	3.5	2.0	25	50	150	
2SK1867	MT4	D46			2	15	4.85	2.0	40	35	105	
2SK1612	TO-220F(a)	D59			3	50	5.0	2.2	40	35	105	
△2SK2130	TO-220E	D63			3	50	5.0	2.2	40	45	100	
2SK1613	TOP-3(a)	D64	900	±30	5	120	2.8	3.5	90	60	170	
△2SK2340	TO-220E	D63			5	120	2.8	3.5	90	60	170	
△2SK2374	TOP-3E	D69			5	120	2.8	3.5	90	60	170	
2SK1614	TOP-3(a)	D64			8	120	1.7	5.5	100	80	250	
△2SK2375	TOP-3E	D69			8	120	1.7	5.5	100	80	250	
2SK1803	TOP-3F(a)	D67			8	100	1.7	5.5	100	80	250	

△Preliminary