

3 Power MOSFETs

Power MOSFETs

Parameter Type No.		Absolute Maximum Ratings				Electrical Characteristics (Ta = 25°C)		Package	Remarks
		V _{DS}	I _D	P _D (T _C = 25°C)	E _{AS}	R _{DS(on)} max (V _{GS} = 10V)	C _{iss} (typ)		
		(V)	(A)	(W)	(mJ)	(Ω)	(pF)		
2SK1188	N channel	60	10	25	2.1	0.2	300	FM20	
2SK1189			15	30	6.2	0.1	640	FM20	
2SK2419			22	35	17	0.05	1250	FM20	
2SK1190			22	35	17	0.05	1300	FM20	
2SK2420			30	40	38	0.028	2200	FM20	
2SK1191			30	40	38	0.028	2500	FM20	
2SK2421			40	40	60	0.02	2400	FM20	
2SK1192			40	90	38	0.028	2500	FM100-1	
2SK1711			10	25	2.1	0.2	400	FM20	
2SK1712			15	30	6.2	0.1	820	FM20	
2SK1713			22	35	17	0.05	1700	FM20	
* 2SK2156/A			25	35	75	0.045	1700	FM20	Logic driven
2SK1714			30	40	38	0.028	3300	FM20	
2SK1715			40	90	38	0.028	3300	FM100-1	
2SK1185		100	5	25	16	0.54	180	FM20	
2SK1186			9	30	32	0.27	350	FM20	
2SK1187			12	35	58	0.16	650	FM20	
* 2SK2778			12	30	60	0.16	840	FM20	
* 2SK2779		200	20	35	200	0.08	1630	FM20	Logic driven
2SK1185			3	25	36	1.5	140	FM20	
2SK1186		400	5	30	67	0.8	260	FM20	
2SK1366			2	30	110	3.6	170	FM20	
2SK1367			3	30	180	1.8	350	FM20	
2SK1368			5	35	250	1.0	620	FM20	
2SK1369			10	85	400	0.55	1300	FM100-1	
2SK1370			15	85	640	0.3	2400	FM100-1	
2SK2238			1.5	30	50	3.5	350	FM20	
* 2SK2803		450	3	30	30	2.8	340	FM20	
2SK2239			3	35	120	2.0	550	FM20	
* 2SK2804			5	35	90	1.5	560	FM20	
2SK2240			5	35	180	1.5	690	FM20	
2SK2701			7	35	130	1.1	720	FM20	
2SK2241			7	35	250	0.95	1000	FM20	
2SK2242			7	70	250	0.95	1000	FM100-2	
2SK2702			10	35	300	0.8	1000	FM20	
2SK2703			10	75	300	0.8	1000	FM100-2	
2SK2704			13	40	400	0.57	1300	FM20	
2SK2705			13	75	400	0.57	1300	FM100-2	
* 2SK2805			15	80	550	0.38	2100	FM100-2	
2SK2243			10	80	400	0.75	1300	FM100-2	
2SK2244			12	85	500	0.55	1700	FM100-2	
2SK2706			18	85	700	0.3	2500	FM100-2	
2SK2245			15	85	600	0.45	2000	FM100-2	
2SK1177	P channel	500	2.5	30	200	3.0	350	FM20	
2SK1178			4	35	260	1.5	610	FM20	
2SK1179			8.5	85	400	0.85	1300	FM100-1	UL approved type available
2SK1180			10	85	500	0.6	1800	FM100-1	
2SK1181			13	85	660	0.4	2700	FM100-1	
2SK2707			4.5	35	50	1.85	560	FM20	
2SK2708			7	40	150	1.1	950	FM20	
2SK2709			8.5	85	300	0.85	1300	FM100-2	
2SK2710		900	12	85	400	0.55	1900	FM100-2	
2SK2207			3	35	280	5.0	630	FM20	
2SK2208			5	75	400	3.0	1000	FM100-2	
* 2SJ424			5	25	—	0.5	270	FM20	
2SJ425		- 60	8	30	—	0.28	580	FM20	
* 2SJ426			15	35	—	0.14	1100	FM20	

* Under development