

## Surface Mount Device (4)

## Power Mold Transistors (D PACK)

F1

Type No.	Application	Electrical Characteristics (Ta=25°C)					Complementary	Similar TO-126, TO-220	Remarks
		V <sub>CEO</sub> (V)	I <sub>C</sub> (A)	P <sub>C</sub> (W)	P <sub>C</sub> * (W)	T <sub>J</sub> (°C)			
2SA1225	Driver stage. Power amplification.	-160	-1.5	1.0	15	150	2SC2983	2SA1837	
2SC2983	Driver stage. Power amplification.	160	1.5	1.0	15	150	2SA1225	2SC4793	
2SA1241	Power amp.	-50	-2.0	1.0	10	150	2SC3076	**2SA1020	
2SC3076	Power amp.	50	2.0	1.0	10	150	2SA1241	**2SC2655	
2SA1242	Strobe flash. Power amp.	-20	-5.0	1.0	10	150	2SC3072 Notice for hFE classification	2SA1357	
2SC3072	Strobe flash. Power amp.	20	5.0	1.0	10	150	2SA1242 Notice for hFE classification	2SC3420	
2SA1244	High-current switching.	-50	-5.0	1.0	20	150	2SC3074	2SA1012	
2SC3074	High-current switching.	50	5.0	1.0	20	150	2SA1244	2SC2562	
2SB905	TV vertical deflection output. TV audio output B-class	-150	-1.5	1.0	10	150	2SD1220	2SA1408	
2SD1220	TV vertical deflection output. TV audio output B-class	150	1.5	1.0	10	150	2SB905	2SC3621	
2SB906	Low-frequency power amplification.	-60	-3.0	1.0	20	150	2SD1221	2SB834	
2SD1221	Low-frequency power amplification.	60	3.0	1.0	20	150	2SB906	2SD880	
2SB907	Switching. Power amplification.	-40	-3.0	1.0	15	150	2SD1222	—	Darlington
2SD1222	Switching. Power amplification.	40	3.0	1.0	15	150	2SB907	—	Darlington
2SB908	Switching. Power amplification.	-80	-4.0	1.0	15	150	2SD1223	2SB1481	Darlington
2SD1223	Switching. Power amplification.	80	4.0	1.0	15	150	2SB908	2SD2241	Darlington
2SD1224	Power amp.	30	1.5	1.0	10	150	—	2SD1508	Darlington
2SD1160	Motor control.	50(V <sub>CEs</sub> )	2.0	1.0	10	150	—	—	
2SC3075	High-voltage power switching.	400	0.8	1.0	10	150	—	—	
2SC3233	High-voltage switching.	400	2.0	1.0	10	150	—	2SC2552	
2SC3303	Switching. Power amplification.	80	5.0	1.0	20	150	—	2SC3258	
2SC3405	High-voltage switching.	800	0.8	1.0	20	150	—	—	
2SC4681	Switching.	10	3.0	1.0	10	150	2SA1802	—	
2SA1802	Switching.	-10	-3.0	1.0	10	150	2SC4681	—	
2SC4684	Strobe flash.	20	5	1.0	10	150	—	2SC4685	
2SC4203	VDT Video Out.	150	0.3	1.0	10	150	—	2SC3612	
2SC3805	TV Video Out.	300	0.05	1.0	10	150	—	2SC4678	
2SC3474	Switching.	80	2	1.0	20	150	—	—	

\*T<sub>c</sub>=25°C

\*\*TO-92 MOD