

Transistors (Selection Guide by Applications and Functions)

■ Silicon Power Transistors (continued)

Application Functions	V _{CEO} (V)	I _C (A)	V _{CE(sat)} typ' (V)			Package (No.)									
			I _C (A)	I _B (mA)	TO-220F(D55)		TO-220E(D59)		TO-220D(D58)		N Type(D42)		I Type(D44)		
					PNP	NPN	PNP	NPN	PNP	NPN	PNP	NPN	PNP	NPN	
High h _{FE}	60	6	<1	5	100		2SD1474						2SD1719		2SD1755
	60/80	2	<1	1	25		2SD1776/A						2SD1775/A		
	60	2	<1	1	25		2SD2158								
	60/80	3	<1	2	50	2SB1299/A	2SD1273/A	△ 2SB1629			2SD2375/A	2SB1643	2SD1259/A		2SD1754/A
	60	3	<1	2	50		2SD2156								
	60	4	<0.7	3	75						△ 2SD2527				
	60	5	<0.3	4	100						△ 2SD2528				
	150	1	<1	0.5	20		2SD1272							2SD1258	2SD1753
Darlington	60	4	<2	3	12		2SD1510								
	60/80	2	<2.5	2	8	2SB949/A	2SD1275/A			△ 2SD2538	2SB937/A	2SD1260/A	2SB1178/A	2SD1748/A	
	60/80	4	<2	3	12	2SB950/A	2SD1276/A			2SB1623	2SD2420	2SB938/A	2SD1261/A	2SB1179/A	2SD1749/A
	60	4	<2	3	12		2SD2157								
	60	8	<1.5	4	8	2SB1464	2SD2214								
	60/80	8	<1.5	4	8	2SB951/A	2SD1277/A					2SB939/A	2SD1262/A	2SB1180/A	2SD1750/A
	80	5	<1	1.5	50		2SD1315								
	100	5	<1.5	3	3	2SB1194	2SD1633								
	100	8	<1.5	5	5	2SB1195	2SD1634								
	100/120	6	<1.5	5	12.5		2SD1336/A								
	120	8	<1.5	4	8	2SB1108 2SB1193	2SD1608 2SD1773								
	400	6	<1.5	3	60		2SD1446						2SD1611		
	400	7	<2	7	70		2SD1535						2SD1534		
Darlington built-in Zener	30 ±5	2	<2.5	2	8		2SD1322						2SD1316		
	30 ±5	4	<2.5	3	12		2SD1323						2SD1317		
	30 ±5	8	<1.5	4	8		2SD1324						2SD1318		
	60 ±10	2	<2.5	2	8		2SD1325						2SD1319		
	60 ±10	4	<2.5	3	12		2SD1326						2SD1320		
	60 ±10	8	<1.5	4	8		2SD1327						2SD1321		
	100 ±15	4	<2	3	12										2SD2209

△ Tentative