

Continued from preceding page.

LOW SATURATION VOLTAGE APPLICATIONS

(Classified by package and arranged in order of increasing V_{CE0} , I_C . Minus sign for PNP is omitted due to space limitations.)

Type Number	Case	Applications	Absolute Maximum Ratings/ $T_a=25^\circ\text{C}$					Electrical Characteristics/ $T_a=25^\circ\text{C}$								
			V_{CE0}	V_{CE0}	I_C	P_C	T_j	$V_{CE(sat)}$			V_{CE}	I_C	h_{FE}	V_{CE}	I_C	f_T
			[V]	[V]	[A]	$*I_C=25^\circ\text{C}$ [W]	[$^\circ\text{C}$]	I_C	I_B	$*I_{max}$						
$\times 2SB1122$	PCP	Large Current Switching	60	50	1	1.3	-	500m	50m	0.2	2	50m	60~320	10	50m	150
$\times 2SD1622$	PCP	Large Current Switching	60	50	1	1.3	-	500m	50m	0.15	2	50m	60~320	10	50m	150
$2SB1123$	PCP	Large Current Switching	60	50	2	1.3	-	1	50m	0.3	2	100m	100~560	10	50m	150
$2SD1623$	PCP	Large Current Switching	60	50	2	1.3	-	1	50m	0.15	2	100m	100~560	10	50m	150
$\times 2SB1124$	PCP	Large Current Switching	60	50	3	1.5	-	2	100m	0.35	2	100m	100~560	10	50m	150
$\times 2SD1624$	PCP	Large Current Switching	60	50	3	1.5	-	2	0.1	0.19	2	100m	100~560	10	50m	150
$2SD1628$	PCP	Strobe (6V max)	60	20	5	1.5	-	3	60m	0.5	2	500m	120~560	10	50m	120
$2SB808$	SP	AF Power Amp.	20	15	0.7	200m	125	5m	0.5m	10m	2	50m	200~900	10	50m	250
$2SD1012$	SP	AF Power Amp.	20	15	0.7	250m	125	5m	0.5m	10m	2	50m	160~960	10	50m	250
$2SB893$	NP	Large Current Driver	20	10	2.5	750m	150	1.5	0.15	0.25	2	500m	100~560	10	50m	250
$2SD879$	NP	Electronic Flash	30	10	3.0	750m	150	3.0	60m	0.3	2	3	210	10	50m	200
$2SB698$	NP	AF Power Amp.	25	20	0.7	600m	150	500m	50m	0.2	2	50m	60~560	10	50m	250
$2SD734$	NP	AF Power Amp.	25	20	0.7	600m	150	500m	50m	0.13	2	50m	60~560	10	50m	250
$2SB598$	NP	AF Power Amp.	25	25	1.0	600m	150	500m	50m	0.15	2	50m	60~320	10	50m	180
$2SD545$	NP	AF Power Amp.	25	25	1.0	600m	150	500m	50m	0.1	2	50m	60~320	10	50m	180
$2SB926$	NP	Large Current Switching	30	25	2.0	750m	150	1.5	75m	0.35	2	100m	100~560	10	50m	150
$2SD1246$	NP	Large Current Switching	30	25	2.0	750m	150	1.5	75m	0.18	2	100m	100~560	10	50m	150
$2SD1145$	MP	Large Current Driver	60	20	5.0	900m	150	3.0	60m	0.5*	2	500m	100~560	10	50m	120
$2SB544$	MP	AF Power Amp.	25	25	1.0	900m	150	500m	50m	0.15	2	50m	60~560	10	50m	180
$2SD400$	MP	AF Power Amp.	25	25	1.0	900m	150	500m	50m	0.1	2	50m	60~560	10	50m	180
$2SB927$	MP	Large Current Switching	30	25	2.5	1	150	1.5	75m	0.35	2	100m	100~560	10	50m	150
$2SD1247$	MP	Large Current Switching	30	25	2.5	1	150	1.5	75m	0.18	2	100m	100~560	10	50m	150
$2SB764$	MP	Voltage Regulator	60	50	1.0	900m	150	500m	50m	0.2	2	50m	60~320	10	50m	150
$2SD863$	MP	Voltage Regulator	60	50	1.0	900m	150	500m	50m	0.15	2	50m	60~320	10	50m	150
$2SB892$	MP	Large Current Switching	60	50	2.0	1	150	1.0	50m	0.3	2	100m	100~560	10	50m	150
$2SD1207$	MP	Large Current Switching	60	50	2.0	1	150	1.0	50m	0.15	2	100m	100~560	10	50m	150
$2SB985$	MP	Large Current Switching	60	50	3.0	1	150	2.0	100m	0.35	2	100m	100~560	10	50m	150
$2SD1347$	MP	Large Current Switching	60	50	3.0	1	150	2.0	100m	0.19	2	100m	100~560	10	50m	150
$2SB559$	T0126	AF Power Amp.	20	18	1.2	8	150	1.0	50m	0.35	2	500m	60~320	10	50m	150
$2SD439$	T0126	AF Power Amp.	20	18	1.2	8*	150	1.0	50m	0.25	2	500m	60~320	10	50m	150
$\times 2SB1127$	T0126	Large Current Switching	25	20	5.0	10	150	3.0	60m	0.5	2	500m	100~400	5	200m	300
$2SD826$	T0126	Large Current Switching	60	20	5.0	10*	150	3.0	60m	0.5*	2	500m	120~560	10	50m	120
$2SB986$	T0126	Large Current Switching	60	50	4.0	10*	150	2.0	100m	0.35	2	100m	100~560	10	50m	150
$2SD1348$	T0126	Large Current Switching	60	50	4.0	10*	150	2.0	100m	0.19	2	100m	100~560	10	50m	150
$2SB919$	T0220	Large Current Switching	60	30	8.0	30*	150	3.0	0.15	0.5*	2	1	70~280	5	1	120
$2SD1235$	T0220	Large Current Switching	60	30	8.0	30*	150	3.0	0.15	0.4*	2	1	70~280	5	1	120