

## Bipolar Power Transistors

## General Purpose (Continued)

Type No.	V <sub>CEO(sus)</sub> V	V <sub>CEV(sus)</sub> V	P <sub>T</sub> W	h <sub>FE</sub>		V <sub>CE(sat)</sub> -V			f <sub>T</sub> (Typ) MHz	JEDEC Package
				I <sub>C</sub> A	V <sub>CE</sub> V	I <sub>C</sub> A	I <sub>B</sub> A			
<b>2N6107 FAMILY (p-n-p)</b>			<b>70W max</b>	<b>Complementary to 2N6292 Family</b>						
2N6110	-30	-40□	40	30-150	-3	-4	-1	-3	-0.3	TO-220AA
2N6111	-30	-40□	40	30-150	-3	-4	-1	-3	-0.3	TO-220AB
TIP30	-40	-	30	15-150	-1	-4	-0.7	-1	-0.125	TO-220AB
TIP32	-40	-	40	10-50	-3	-4	-1.2	-3	-0.375	TO-220AB
2N6124	-45	-	40	25-100	-1.5	-2	-0.6	-1.5	-0.15	TO-220AB
BD240	-45	-55□	30	40 min.	-0.2	-4	-0.7	-1	-0.2	TO-220AB
BD242	-45	-55□	40	25 min.	-1	-4	-1.2	-3	-0.6	TO-220AB
BD277	-45	-	70	30-150	-1.75	-2	-0.5	-1.75	-0.1	TO-220AB
BD534	-45	-	50	25 min.	-2	-2	-0.8	-2	-0.2	TO-220AB
BD796	-45	-	65	25 min.	-3	-2	-1	-3	-0.3	TO-220AB
2N6108	-50	-60□	40	30-150	-2.5	-4	-1	-2.5	-0.25	TO-220AA
2N6109	-50	-60□	40	30-150	-2.5	-4	-1	-2.5	-0.25	TO-220AB
BD240A	-60	-70‡	30	40 min.	-0.2	-4	-0.7	-1	-0.2	TO-220AB
BD242A	-60	-70‡	40	25 min.	-1	-4	-1.2	-3	-0.6	TO-220AB
TIP30A	-60	-	30	40 min.	-0.2	-4	-0.7	-1	-0.125	TO-220AB
TIP32A	-60	-	40	25 min.	-1	-4	-1.2	-3	-0.375	TO-220AB
2N6125	-60	-	40	25-100	-1.5	-2	-0.6	-1.5	-0.15	TO-220AB
BD536	-60	-	50	25 min.	-2	-2	-0.8	-2	-0.2	10 TO-220AB
BD798	-60	-	65	25 min.	-3	-2	-1	-3	-0.3	TO-220AB
2N6106	-70	-80□	40	30-150	-2	-4	-1	-2	-0.2	TO-220AA
2N6107	-70	-80□	40	30-150	-2	-4	-1	-2	-0.2	TO-220AB
BD240B	-80	-90‡	30	40 min.	-0.2	-4	-0.7	-1	-0.2	TO-220AB
BD242B	-80	-90‡	40	25 min.	-1	-4	-1.2	-3	-0.6	TO-220AB
2N6126	-80	-	40	20-80	-1.5	-2	-0.6	-1.5	-0.15	TO-220AB
BD538	-80	-	50	25 min.	-2	-2	-0.8	-2	-0.2	TO-220AB
BD800	-80	-	65	15 min.	-3	-2	-1	-3	-0.3	TO-220AB
TIP30B	-80	-	30	15-150	-1	-4	-0.7	-1	-0.125	TO-220AB
TIP32B	-80	-	40	10-50	-3	-4	-1.2	-3	-0.375	TO-220AB
2N6475	-100	-110□	40	15-150	-1.5	-4	-1.2	-1.5	-0.15	TO-220AB
TIP30C	-100	-	30	15-150	-1	-4	-0.7	-1	-0.125	TO-220AB
TIP32C	-100	-	40	10-50	-3	-4	-1.2	-3	-0.375	TO-220AB
BD802	-100	-	65	15 min.	-3	-2	-1	-3	-0.3	TO-220AB
BD240C	-100	-115‡	30	40 min.	-0.2	-4	-0.7	-1	-0.2	TO-220AB
BD242C	-100	-115‡	40	25 min.	-1	-4	-1.2	-3	-0.6	TO-220AB
2N6476	-120	-130□	40	15-150	-1.5	-4	-1.2	-1.5	-0.15	TO-220AB
<b>2N6247 FAMILY (p-n-p)</b>			<b>160W max</b>	<b>Complementary to 2N6472 Family</b>						
2N6594	-40	-45‡	100	5-100	-12	-4	-4	-12	-2.4	16 TO-204AA/ TO-3
2N6469	-40	-50‡	125	20-125	-5	-4	-1.3	-5	-0.5	
2N6246	-60	-70‡	125	20-100	-7	-4	-1.3	-7	-0.7	
BDX18	-60	-70‡	115	20-70	-4	-4	-1.1	-4	-0.4	
MJ2955	-60	-70‡	150	20-70	-4	-4	-1.1	-4	-0.4	
2N3791	-60	-	150	30-150	-1	-2	-1	-5	-0.5	
2N6247	-80	-90‡	125	20-100	-6	-4	-1.3	-6	-0.6	
2N3792	-80	-	150	50-150	-1	-2	-1	-5	-0.5	
2N6248	-100	-110‡	125	20-100	-5	-4	-1.3	-5	-0.5	

‡ V<sub>CEr</sub>(sus) □ V<sub>CEX</sub>(sus)