

Bipolar Power Transistors

General Purpose (Continued)

Type No.	V _{CEO(sus)} V	V _{CEV(sus)} V	P _T W	hFE		V _{CE(sat)} -V		f _T (Typ) MHz	JEDEC Package		
				I _C A	V _{CE} V	I _C A	I _B A				
2N6488 FAMILY (n-p-n)			75W max	Complementary to 2N6491 Family							
2N6486	40	50□	75	20-150	5	4	1.3	5	0.5	8	TO-220AB
TIP41	40	-	65	15-150	3	4	2	6	0.6		
BD243	45	55‡	65	30 min.	0.3	4	1.5	6	1		
2N6487	60	70□	75	20-150	5	4	1.3	5	0.5		
TIP41A	60	-	65	15-150	3	4	2	6	0.6		
BD243A	60	70‡	65	30 min.	0.3	4	1.5	6	1		
2N6488	80	90□	75	20-150	5	4	1.3	5	0.5		
TIP41B	80	-	65	15-150	3	4	2	6	0.6		
BD243B	80	90‡	65	30 min.	0.3	4	1.5	6	1		
TIP41C	100	-	65	15-150	3	4	2	6	0.6		
BD243C	100	115‡	65	30 min.	0.3	4	1.5	6	1		
2N6491 FAMILY (p-n-p)			75W max	Complementary to 2N6488 Family							
2N6132	-40	-40*	50	7 min.	-7	-4	-1.4	-7	-3	8	TO-220AB
2N6489	-40	-50□	75	20-150	-5	-4	-1.3	-5	-0.5		
TIP42	-40	-	65	15-150	-3	-4	-2	-6	-0.6		
BD244	-45	-55‡	65	30 min.	-0.3	-4	-1.5	-6	-1		
BD500	-50	-55‡	75	15-90	-5	-4	-1	-5	-0.5		
2N6133	-60	-60*	50	7 min.	-7	-4	-1.4	-7	-3		
2N6490	-60	-70□	75	20-150	-5	-4	-1.3	-5	-0.5		
BD244A	-60	-70‡	65	30 min.	-0.3	-4	-1.5	-6	-1		
TIP42A	-60	-	65	15-150	-3	-4	-2	-6	-0.6		
2N6134	-80	-80*	50	7 min.	-7	-4	-1.8	-7	-3		
2N6491	-80	-90□	75	20-150	-5	-4	-1.3	-5	-0.5		
BD500B	-80	-85‡	75	15-90	-3.5	-4	-1	-3.5	-0.35		
BD244B	-80	-90‡	65	30 min.	-0.3	-4	-1.5	-6	-1		
BD244C	-100	-115‡	65	30 min.	-0.3	-4	-1.5	-6	-1		
TIP42B	-80	-	65	15-150	-3	-4	-2	-6	-0.6		
TIP42C	-100	-	65	15-150	-3	-4	-2	-6	-0.6		

‡ V_{CER(sus)} □ V_{CEx(sus)} * V_{CBO}