

Bipolar Power Transistors

General Purpose (Continued)

Type No.	V _{CEO(sus)} V	V _{CEV(sus)} V	P _T W	h _{FE}			V _{CE(sat)} -V			f _T (Typ) MHz	JEDEC Package	
				I _C A	V _{CE} V	I _C A	I _B A					
2N5303 FAMILY (n-p-n)			200W max									
2N5301	40	-	200	15-60	15	3	0.75	10	1	8	TO-204AA/ TO-3	
2N6326	60	-	200	6-30	30	4	3	30	7.5			
2N5302*	60	-	200	15-60	15	3	0.75	10	1			
2N5885	60	-	200	20-100	10	4	1	15	1.5			
2N6327	80	-	200	6-30	30	4	3	30	7.5			
2N5303	80	-	200	15-60	10	2	1.5	15	1.5			
2N5886	80	-	200	20-100	10	4	1	15	1.5			
2N5496 PLASTIC FAMILY (n-p-n)			50W max									
2N6129	40	40*	50	7 min.	7	4	1.4	7	3	1	TO-220	
2N5490	40	60	50	20-100	2	4	1	2	0.2		TO-220AB	
2N5491	40	60	50	20-100	2	4	1	2	0.2		TO-220AA	
2N5494	40	60	50	20-100	3	4	1	3	0.3		TO-220AB	
2N5495	40	60	50	20-100	3	4	1	3	0.3		TO-220AA	
2N6130	60	60*	50	7 min.	7	4	1.4	7	3		TO-220	
RCA3055	60	70‡	75	20-70	4	4	1.1	4	0.4		TO-220	
2N5492	55	75	50	20-100	2.5	4	1	2.5	0.25		TO-220AB	
2N5493	55	75	50	20-100	2.5	4	1	2.5	0.25		TO-220AA	
2N5496	70	90	50	20-100	3.5	4	1	3.5	0.35		TO-220AB	
2N5497	70	90	50	20-100	3.5	4	1	3.5	0.35		TO-220AA	
2N6131	80	80*	50	7 min.	7	4	1.8	7	3		TO-220	
BD501B	80	90*	75	20 min.	3.5	4	1	3.5	0.35		TO-220	
2N5783 FAMILY (p-n-p)			10W max									
2N5783	-40	-45‡	10	20-100	-1.6	-2	-1	-1.6	-0.16		20	TO205AA/ TO-5
2N5782	-50	-65‡	10	20-100	-1.2	-2	-0.75	-1.2	-0.12			
2N5781	-65	-80‡	10	20-100	-1	-2	-0.5	-1	-0.1			
2N5786 FAMILY (n-p-n)			10W max	Complementary to 2N5783 Family								
2N5786	40	45‡	10	20-100	1.6	2	1	1.6	0.16	1.5	TO-205AA/ TO-5	
2N5785	50	65‡	10	20-100	1.2	2	0.75	1.2	0.12			
2N5784	65	80‡	10	20-100	1	2	0.5	1	0.1			
2N5954 FAMILY (p-n-p)			75W max	Complementary to 2N6372 Family								
2N5956	-40	-50‡	40	20-100	-3	-4	-1	-3	-0.3	10	TO-213AA/ TO-66	
2N4898	-40	-	25	20-100	-0.5	-1	-0.6	-1	-0.1			
2N5955	-60	-70‡	40	20-100	-2.5	-4	-1	-2.5	-0.25			
2N4899	-60	-	25	20-100	-0.5	-1	-0.6	-1	-0.1			
2N4900	-80	-	25	20-100	-0.5	-1	-0.6	-1	-0.1			
2N5954	-80	-90□	40	20-100	-2	-4	-1	-2	-0.2			
2N6467	-100	-110□	40	15-150	-1.5	-4	-1.2	-1.5	-0.15			
2N6468	-120	-130□	40	15-150	-1.5	-4	-1.2	-1.5	-0.15			
2N6312 FAMILY (p-n-p)			-									
2N6312	-40	-40*	75	25-100	-1.5	-4	-0.7	-1.5	-0.15	4	TO-213AA/ TO-66	
2N6313	-60	-60*	75	25-100	-1.5	-4	-0.7	-1.5	-0.15			
2N6314	-80	-80*	75	25-100	-1.5	-4	-0.7	-1.5	-0.5			

*JAN types available ‡ V_{CEr(sus)} □ V_{CEX(sus)}