

High-Voltage (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					
2N5240 FAMILY (n-p-n)			150W max										
BUX16	200	250	100	15-130	0.4	10	2.5	2	0.25	5	TO-204AA/ TO-3		
BD550B	250	275‡	150	10-50	2	4	2	2	0.25				
2N5239	225	250‡	100	20-80	2	10	2.5	2	0.25				
2N5838	250	275	100	8-40	3	2	1	3	0.375				
BUX16A	250	325	100	15-130	0.4	10	2.5	2	0.25				
2N5839	275	300	100	10-50	2	3	1.5	2	0.2				
2N5240	300	350‡	100	20-80	2	10	2.5	2	0.25				
BUX16B	300	375	100	15-130	0.4	10	2.5	2	0.25				
2N5840	350	375	100	10-50	2	3	1.5	2	0.2				
BUX16C	350	425	100	15-130	0.4	10	2.5	2	0.25				
RCA1B04	200	225	150	15-75	2	5	2	2	0.255				
RCA1B05	250	275	150	15-75	2	5	2	2	0.255				
2N5415 FAMILY (p-n-p)			10W max	Complementary to 2N3439 Family									
BFT28	-100	-150‡	5	20 min.	-10	-10	-0.6	-10	-1	35	TO-205AD/ TO-39		
BFT19	-150	-200‡	5	20 min.	-50	-10	-2.5	-30	-3				
BFT28A	-150	-200‡	5	20 min.	-10	-10	-0.6	-10	-1				
BFT28B	-200	-250‡	5	20 min.	-10	-10	-5	-10	-1				
2N5415	-200	-	10	30-150	-50	-10	-2.5	-50	-5				
BFT19A	-250	-300‡	5	20 min.	-50	-10	-2.5	-30	-3				
BFT28C	-250	-300‡	5	20 min.	-10	-10	-5	-10	-1				
2N5416	-300	-350‡	10	30-120	-50	-10	-2	-50	-5				
BFT19B	-350	-400‡	5	20 min.	-50	-10	-2.5	-30	-3				
2N6079 FAMILY (n-p-n)			45W max										
2N6078	250	275□	45	12-70	1.2	1	0.5	1.2	0.2	7	TO-213AA/ TO-66		
2N6077	275	300□	45	12-70	1.2	1	0.5	1.2	0.2				
2N6079	350	375□	45	12-50	1.2	1	0.5	1.2	0.2				
2N6213 FAMILY (p-n-p)			35W max	Complementary to 2N3585 Family									
BUX66	-150	-200	35	10-150	-1	-5	-2.5	-1	-0.15	30	TO-213AA/ TO-66		
2N6420	-175	-	20	40-200	-0.5	-10	-5	-1	-0.125				
2N6211*	-225	-275	35	10-100	-1	-2.8	-1.4	-1	-0.125				
BUX66A	-250	-300	35	10-150	-1	-5	-2.5	-1	-0.15				
2N6421	-250	-	20	25-100	-1	-10	-0.75	-1	-0.125				
2N6212*	-300	-350	35	10-100	-1	-3.2	-1.6	-1	-0.125				
BUX66B	-300	-350	35	10-150	-1	-5	-2.5	-1	-0.15				
2N6422	-300	-	20	25-100	-1	-10	-0.75	-1	-0.125				
2N6423	-300	-	20	30-150	-0.75	-10	-1	-0.75	-0.075				
2N6213*	-350	-400	35	10-100	-1	-4	-2	-1	-0.125				
BUX66C	-350	-400	35	10-150	-1	-5	-2.5	-1	-0.15				
2N6214	-400	-450	35	10-100	-1	-5	-2.5	-1	-0.125				
2N6251 FAMILY (n-p-n)			175W max										
2N6249	200	225	175	10-50	10	3	1.5	10	1			6	TO-204AA/ TO-3
2N6250	275	300	175	8-50	10	3	1.5	10	1.25				
2N6251	350	375	175	6-50	10	3	1.5	10	1.67				

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