

High-Voltage (Continued)

Type No.	V <sub>CEO(sus)</sub> V	V <sub>CEV(sus)</sub> V	P <sub>T</sub> W	hFE		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>2N6673 SwitchMax FAMILY (n-p-n)</b>			<b>150W max</b>								
BUX42	250	300□	120	15-45	4	4	1.2	4	0.4	20	TO-204AA/ TO-3
2N6542	300	650	100	12-60	1.5	2	1	3	0.6		
2N6544	300	650	125	12-60	2.5	3	1.5	5	1		
2N6671■*	300	450	150	10 min.	5	3	1	5	1		
BUX43	325	400□	120	15-60	3	4	1.6	5	1		
2N6672■	350	550	150	10 min.	5	3	1	5	1		
2N6673■*	400	650	150	10 min.	5	3	1	5	1		
BUX14	400	450□	150	15-60	3	4	1.5	6	1.2		
BUX44	400	450□	120	15-45	2	4	1	2	0.2		
<b>2N6678 SwitchMax FAMILY (n-p-n)</b>			<b>175W max</b>								
BUX17	150	250□	150	7 min.	10	3	2	10	2	20	TO-204AA/ TO-3
BUX17A	250	350□	150	7 min.	10	3	2	10	2		
BUX12	250	300□	150	10 min.	10	4	1.5	10	1.25		
BUX17B	300	400□	150	7 min.	8	3	3	8	1.5		
2N6546	300	650	175	12-60	5	2	1.5	10	2		
2N6674■*	300	450	175	8-20	10	2	1	10	2		
2N6676■*	300	450	175	8 min.	15	3	1	15	3		
TIP562	300	-	100	20 min.	1	4	2	15	5		
BUX13	325	400□	150	8 min.	8	4	1.5	8	1.6		
BUX17C	350	450□	150	7 min.	8	3	3	8	1.5		
2N6677■	350	550	175	8 min.	15	3	1	15	3		
TIP563	400	-	100	20 min.	1	4	2	15	5		
2N6547	400	450□	100	6-30	10	2	1.5	10	2		
2N6675■*	400	650	175	8-20	10	2	1	10	2		
2N6678■*	400	650	175	8 min.	15	3	1	15	3		
<b>2N6740 SwitchMax FAMILY (n-p-n)</b>			<b>100W max</b>								
2N6738■	300	450	100	10-40	5	3	1	5	1	30	TO-220AB
BUW41■	300	450	100	10-40	5	-	-	-	-		
2N6739■	350	550	100	10-40	5	3	1	5	1		
BUW41A■	350	550	100	10-40	5	-	-	-	-		
2N6740■	400	650	100	10-40	5	3	1	5	1		
BUW41B■	400	650	100	10-40	-	-	-	-	-		
<b>2N6754 SwitchMax FAMILY (n-p-n)</b>			<b>150W max</b>								
BUY69C	200	500□	100	15	2.5	10	3.3	8	2.5	20	TO-204AA/ TO-3
BUY69B	325	800□	100	15	2.5	10	3.3	8	2.5		
2N6751■	400	800	150	8-40	5	3	1	5	1		
BUX32■	400	800	150	8-40	6	3	1	6	1.2		
BUY69A	400	1000□	100	15	2.5	10	3.3	8	2.5		
2N6545	400	850	125	12-60	2.5	3	1.5	5	1		
BUX31	400	800	150	8-40	4	3	2	8	2		
BUX47	400	850□	107	-	-	-	1.5	6	1.2		
2N6752■	450	850	150	8-40	5	3	1	5	1		
BUX32A■	450	900	150	8-40	6	3	1	6	1.2		
BUX31A	450	900	150	8-40	4	3	2	8	2		
2N6753■	500	900	150	8-40	5	3	1	5	1		
BUX45	500	500□	120	14-45	1	4	2	2	0.4		
2N6754■	500	1000	150	8-40	5	3	1	5	1		
BUX32B■	500	1000	150	8-40	6	3	1	6	1.2		
BUX15	500	500□	150	8 min.	4	4	1	4	0.8		
BUX31B	500	1000	150	8-40	4	3	2	8	2		

\*JAN types available □ V<sub>CEX</sub>(sus) ■ SwitchMax transistor