

Bipolar Power Transistors

High-Voltage (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				
2N6773 SwitchMax FAMILY (n-p-n)				40W max							
2N6771■	300	450	40	10-50	1	3	1	1	0.2	25	TO-220AB
2N6772■	350	550	40	10-50	1	3	1	1	0.2		
2N6773■	400	650	40	10-50	1	3	1	1	0.2		
TIP47	250	-	40	10 min.	1	10	1	1	0.2		
TIP48	300	-	40	10 min.	1	10	1	1	0.2		
TIP49	350	-	40	10 min.	1	10	1	1	0.2		
TIP50	400	-	40	10 min.	1	10	1	1	0.2		
BUW40	300	450	40	10-50	1	3	1	1	0.2		
BUW40A	350	550	40	10-50	1	3	1	1	0.2		
BUW40B	400	650	40	10-50	1	3	1	1	0.2		
D40V FAMILY (n-p-n)											
D40V1	250	300*	9	20 min.	0.04	10	1	0.02	0.002	50 min.	TO-202
D40V2	250	300*	9	30 min.	0.04	10	1	0.02	0.002		
D40V3	300	350*	9	20 min.	0.04	10	1	0.02	0.002		
D44Q FAMILY (n-p-n)											
D44Q1	125	200*	31.25	30 min.	2	10	1	2	0.2	50	TO-220AB
D44Q3	175	250*	31.25	30 min.	2	10	1	2	0.2		
D44T FAMILY (n-p-n)											
D44T1	250	300*	31.2	30 min.	0.5	10	1	0.5	0.05	45	TO-220AB
D44T2	250	300*	31.2	75 min.	0.5	10	1	0.5	0.05		
D44T3	300	400*	31.2	30 min.	0.5	10	1	0.5	0.05		
D44T4	300	400*	31.2	75 min.	0.5	10	1	0.5	0.05		
RJH6674 SwitchMax FAMILY (n-p-n)											
RJH6674■	300	450	175	8-20	10	2	1	10	2		TO-218AC
RJH6676■	300	450	175	8 min.	15	3	1	15	3		
RJH6677■	350	550	175	8 min.	15	3	1	15	3		
RJH6675■	400	650	175	8-20	10	2	1	10	2		
RJH6678■	400	650	175	8 min.	15	3	1	15	3		

■ SwitchMax transistor *V_{CES}

High-Speed, High-Voltage Switching

D44TD FAMILY (n-p-n)											
D44TD3	300	400	50	5 min.	2	3	1	2	0.4	15 min.	TO-220AB
D44TD4	350	500	50	5 min.	2	3	1	2	0.4		
D44TD5	400	600	50	5 min.	2	3	1	2	0.4		