

POWER TRANSISTORS — BIPOLAR PLASTIC (continued)

TO-220AB Package (continued)

I _C Cont Amps Max	V _{CEO (sus)} Volts Min	Device Type		h _{FE} Min/Max	@ I _C Amp	Resistive Switching			f _T MHz Min	P _D (Case) Watts @ 25°C	
		NPN	PNP			t _s μs Max	t _r μs Max	@ I _C Amp			
4	45	D44C6	D45C6	20 min	1	.5	.075	.1	50	30	
		2N6121	2N6124	20 min	1	.5	.050	.1	40	30	
		BD533	BD534	25/100	1.5	0.4 typ	0.3 typ	1.5	2.5	40	
				25 min	2				3	50	
	60	BD535	BD536	25 min	2				3	50	
		2N6122	2N6125	25/100	1.5	0.4 typ	0.3 typ	1.5	2.5	40	
		D44C7		10 min	2	.5	.075	.1	50	30	
		D44C8	D45C7	10 min	2	.5	.050	.1	40	30	
			D45C8	20 min	1	.5	.075	.1	50	30	
		D44C9	D45C8	20 min	2	.5	.050	.1	40	30	
80	D44C10	D45C10	20 min	1	.5	.075	.1	50	30		
	D44C11	D45C11	20 min	2	.5	.050	.1	40	30		
	D44C12	D45C12	20 min	1	.5	.075	.1	50	30		
	BD537	BD538	20 min	1	.5	.050	.1	40	30		
	2N6123	2N6126	15 min	2	.5			3	50		
			20/80	1.5	0.4 typ	0.3 typ	1.5	2.5	40		
	300	MJE13004		6/30	3	3	0.7	3	4	60	
	400	MJE13005		6/30	3	3	0.7	3	4	60	
	5	60	TIP120	TIP125	1k min	3	1.5 typ	1.5 typ	3	4#	65
		80	TIP121	TIP126	1k min	3	1.5 typ	1.5 typ	3	4#	65
100		TIP122	TIP127	1k min	3	1.5 typ	1.5 typ	4	4#	75	
350		2N6499		10/75	2.5	1.8	0.8	2.5	5	80	
450		MJE16002		5 min	5	3	0.3	3		80	
		MJE16004		7 min	5	2.7	0.35	3		80	
700		MJE8502		7.5 min	1	4	2	2.5		80	
800	MJE8503		7.5 min	1	4	2	2.5		80		
6	40	TIP41	TIP42	15/75	3	0.4 typ	0.15 typ	3	3	65	
	45	BD243	BD244	15 min	3				3	65	
	60	BD243A	BD244A	15 min	3				3	65	
		TIP41A	TIP42A	15/75	3	0.4 typ	0.15 typ	3	3	65	
	80	TIP41B	TIP42B	15/75	3	0.4 typ	0.15 typ	3	3	65	
		BD243B	BD244B	15 min	3				3	65	
	100	TIP41C	TIP42C	15/75	3	0.4 typ	0.15 typ	3	3	65	
		BD243C	BD244C	15 min	3				3	65	
	120	MJE5180	MJE5170	15/75	3				3	65	
		TIP41D	TIP42D	15/75	3	0.4 typ	0.15 typ	3	3	65	
140	TIP41E	TIP42E	15/75	3	0.4 typ	0.15 typ	3	3	65		
160	TIP41F	TIP42F	15/75	3	0.4 typ	0.15 typ	3	3	65		
400	BUV46				3	0.8	2.5		85		
7	30		2N6111	30/150	3	0.4 typ	0.15 typ	3	4	40	
	45	BD795	BD796	25 min	3				3	65	
	50		2N6109	30/150	2.5	0.4 typ	0.15 typ	3	4	40	
	60	BD797	BD798	25 min	3				3	65	
	70		2N6107	30/150	3	0.4 typ	0.15 typ	3	4	40	
	80	BD799	BD800	15 min	3				3	65	
	100	BD801	BD802	15 min	3				3	65	
	150	BU407		30 min	1.5		0.75	5	10	60	
	200	BU406		30 min	1.5		0.75	5	10	60	
	375	BU522		250 min	2.5				7.5	75	
	425	BU522A		250 min	2.5				7.5	75	
	450	BU522B		250 min	2.5				7.5	75	

* t_{off} # | h_{re} | @ 1 MHz