

POWER TRANSISTORS — BIPOLAR METAL (continued)

TO-204AA (FORMERLY TO-3) (continued)

I _C Cont Amps Max	V _{CE0} (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	t _r	@ I _C		
						μs Max	μs Max	Amp		
24	1000	BUT36		5 min	16	4.5 typ	1.7 typ	16		250
25	60	2N5885	2N5883	20/100	10	1	0.8	10	4	200
	80	2N5886	2N5884 2N6436	20/100 30/120	10	1	0.25	10	4	200
					10	1	0.25	10	40	200
	100	2N6338	2N6437	30/120 30/120	10	1	0.25	10	40	200
					10	1	0.25	10	40	200
	120	2N6339	2N6438	30/120 30/120	10	1	0.25	10	40	200
					10	1	0.25	10	40	200
	125	BUX10 BUX10			10 min	20	1.2	.25	20	8
20/60					10	1.2	.25	20	8	150
140	2N6340			30/120	10	1	0.25	10	40	200
150	2N6341			30/120	10	1	0.25	10	40	200
500	BUT14			15 min	16	1.3 typ	.3 typ	16		175
28	400	BUT13		20 min	18	1.1 typ	.3 typ	18		175
30	40	2N3771	2N4398	15/60	15	2	1	10	2	150
		2N5301		15/60	15				2	200
	60	2N5302	2N4399	15/60 1k min	15	2	1	10	2	200
		MJ11012			MJ11011	20	4#	200		
	90	MJ11014	MJ11013	1k min 8 min	20	1	.25	20	4#	200
		BUX39			MJ11013	20	8	120		
	100	2N6328	MJ4502	6/30 25/100	30				3	200
		MJ802			MJ4502	7.5	2	200		
120	MJ11016	MJ11015	1k min	20				4#	200	
325	BUX23		8 min	16	1.8	.4	16	8	250	
400V	BUS98		8 min	20	1.55 typ	.2 typ	20		250	
450	MJ16020 MJ16022 BUS98A			5 min	30	1.8	.2	20		250
				7 min	30	1.5	.15	20		250
				8 min	16	1.55 typ	.2 typ	16		250
40	160	BUX21N		10 min	40	1	.2	40	8	250
	200	BUX21		10 min	25	1.8	.4	25	8	150
	250	BUS52		15 min	40	2	.3	40	8	250
		BUX22		10 min	20	1.1	.35	20		
	250	BUX12CECCL		20/60	5	2.0	0.5	10		150
	350	MJ10022 ●		50/600	10	2.5	0.9	20		250
	400	MJ10023 ●		50/600	10	2.5	0.9	20		250
700	BUT35		15 min	24	2.8 typ	.65 typ	24		250	
50	60	2N5685 ●	2N5683 ●	15/60	25	0.5 typ	0.3 typ	25	2	300
		MJ11028 ●	MJ11029 ●	400 min	50					
	80	2N5686 ●	2N5684 ● 2N6377 ●	15/60 30/120	25	0.5 typ	0.3 typ	25	2	300
					20	0.8	0.25	20	30	250
	90	MJ11030	MJ11031	400 min	50					300
	100	2N6274 ●	2N6378 ●	30/120	20	0.8	0.25	20	30	250
	120	2N6275 ● MJ11032 ●	2N6379 ● MJ11033 ●	30/120 400 min	20	0.8	0.25	20	30	250
					50			20	300	
	125	BUX10CECCL		20/60	10	1.2	0.3	20		150
	125	BUX20		10 min	50	1.2	.25	50	8	250
	140	2N6276 ●		30/120	20	0.8	0.25	20	30	250
	150	2N6277 ●		30/120	20	0.8	0.25	20	30	250
200	BUS51		15 min	50	2	.3	5			
400	MJ10015 ●		10 min	40	2.5	1.0	20		250	
500	MJ10016 ● BUT34			10 min	40	2.5 1.8 typ	1.0 .7 typ	20		250
				15 min	32			32	250	
56	400	BUT33		20 min	36	2 typ	.8 typ	36		250
60	200	MJ10020 ●		75 min	15	3.5	0.5	30		250
	250	MJ10021 ●		75 min	15	3.5	0.5	30		250
70	60	MJ14000 ●	MJ14001 ●	15/100	50					300
	80	MJ14002 ●	MJ14003 ●	15/100	50					300
	125	BUS50		15 min	40	2	.3	40		

● Modified TO-3, 60 mil pins
#/h_{FE} @ 1 MHz