

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	(α I _C Amp	Resistive Switching			f _T MHz Min	P _D (Case) Watts (α 25°C
		NPN	PNP			t _s μs Max	t _r μs Max	(α I _C Amp		
15	60	2N3055H	MJ2955 MJ2955A	20/70	4	0.7 typ	0.3 typ	4	800	115
		2N3055		20/70	4				2.5	115
		2N3055A		20/70	4				0.8	115
	120	MJ15015	MJ15016	20/70	4				1	180
	140	MJ15001	MJ15002	25/150	4				2	200
	150	MJ11018	MJ11017	100 min	15				3#	175
	200	2N6249 MJ11020 BUX41	MJ11019	10/50	10	3.5	1	10	2.5	175
				100 min 8 min	15 8	1.5	.4	8	3# 8	175 120
	250	MJ11022	MJ11021	100 min	15				3#	175
	275	2N6250		8/50	10	3.5	1	10	2.5	175
	300	2N6676		8 min	15	2.5	0.5	15	3	175
	325	BUX13		8	8	2.5	.8	8	8	150
	350	2N6251 2N6677		6/50	10	3.5	1	10	2.5	175
8 min				15	2.5	0.5	15	3	175	
400	BUX48 2N6678 BUS48		8 min	15	3.0	0.6	10	3	125	
			8 min	10	2.5 1.3 typ	0.5 .2 typ	15 10	175 175		
450	MJ16010 MJ16012 2N6836 BUS48A		5 min	15	1.2 typ	0.2 typ	10	10	175	
			7 min	15	0.9 typ	0.15 typ	10		175	
			10/30 8 min	10 8	3.0 1.3 typ	0.35 .2 typ	10 10		175 175	
500	MJ16010A		5 min	15	3	.4	10		17	
16	60	MJ4033	MJ4030	1k/	10					150
	80	MJ4034	MJ4031	1k/	10					150
	100	2N5629 MJ4035 BD317	2N6029 MJ4032 BD318	25/100	8	1.2 typ	1.2 typ	8	1	200
				1k/ 25 min	10 5				1	150 200
	120	2N5630	2N6030	20/80	8	1.2 typ	1.2 typ	8	1	200
	140	2N3773 2N5631	2N6609 2N6031	15/60	8	1.1 typ	1.5 typ	8	4	150
				15/60	8	1.2 typ	1.2 typ	8	1	200
200	MJ15022	MJ15023	15/60	8				5	250	
250	MJ15024	MJ15025	15/60	8				5	250	
18	160	BUX41N		8 min	12	1.2	.25	12	8	120
20	60	2N3772	2N6285	15/60	10	2.5 typ	2.5 typ	10	2	150
		2N6282		750/18k	10				4#	160
	75	2N5039		20/100	10	1.5	0.5	10	60	140
	80	2N5303 2N6283	2N6286	15/60	10	2	1	10	2	200
				750/18k	10	2.5 typ	2.5 typ	10	4#	160
	90	2N5038		20/100	12	1.5	0.5	12	60	140
	100	2N6284	2N6287	750/18k	10	2.5 typ	2.5 typ	10	4#	160
	125	BUX40		8 min	15	1	.25	15	8	120
	140	MJ15003	MJ15004	25/150	5				2	250
	160	BUV11N		20/60	8	1.2	.25	15	8	150
	200	BUV11 BUX11 BUX12		10 min	12	1.8	.4	12	8	150
				20/60	6	1.8	0.4	12	8	150
				20/60	5	1.5	0.5	10	8	150
	250	BUV12		10 min	10	1.5	.5	10	8	150
	350	MJ10000 MJ10004		40/400	10	3	1.8	10	10#	175
40/400				10	1.5	0.5	10	10#	175	
400	MJ10001 MJ10005		40/400	10	3	1.8	10	10#	175	
			40/400	10	1.5	0.5	10	10#	175	
450	MJ10008 MJ16014 MJ16016		30/300	10	2	0.6	10	8#	175	
			5 min	20	2.7	0.35	20		250	
			7 min	20	2.2	0.35	20		250	
500	MJ10009		30/300	10	2	0.6	10	8#	175	
700	BUT15		15 min	12	1.2 typ	.3 typ	12		175	
800	MJ16036		7 min	10	3.0	1.2	10			

#/h_{ic} (α 1 MHz

(continued)