

PROFESSIONAL/COMMERCIAL GRADE APPLICATION

GENERAL PURPOSE POWER TRANSISTORS IN TO-204AA PACKAGE

Device	Polarity	Ic	VCE0(sus)	hFE@	Ic &	VCE	Safe Operating	fr	Rθjc	Pd
		Amp	Volts	min/max	Amp	Volts	Area 1 SecPulse	min MHz	°C/W	Tc=25°C W
2N 3055	N	15	60	20/70	4	4	2.87A × 40V	3.00	1.50	117
2N 3232	N	7.5	60	18/	3	10	—	0.02	1.50	117
2N 3442	N	10	140	20/70	3	4	—	0.80	1.50	117
2N 3771	N	30	40	15/60	15	4	3.75A × 40V	0.80	1.17	150
2N 3772	N	20	60	15/60	10	4	2.50A × 60V	0.80	1.17	150
2N 3773	N	16	140	15/60	8	4	1.50A × 100V	0.80	1.17	150
2N 4347	N	10	120	20/70	2	4	—	—	1.50	117
2N 6253	N	15	45	20/	2	4	2.55A × 45V	—	1.50	115
2N 6257	N	20	40	15/75	8	4	3.75A × 40V	0.80	1.20	150
2N 6371	N	16	40	15/	8	4	—	—	—	117
BD 130	N	15	60	20/	4	4	2.00A × 50V	1.10	1.50	100
BD 181	N	10	45	20/70	3	4	2.90A × 40V	0.02	1.50	117
BD 182	N	15	60	20/	4	4	1.95A × 60V	0.02	1.50	117
BDW 21	N	10	45	15/150	4	4	3.00A × 30V	3.00	1.50	90
BDW 21A	N	10	60	15/150	4	4	3.00A × 30V	3.00	1.50	90
BDW 21B	N	10	80	15/150	4	4	3.00A × 30V	3.00	1.50	90
BDW 21C	N	10	100	15/150	4	4	3.00A × 30V	3.00	1.50	90
BDW 22	P	10	45	15/150	4	4	3.00A × 30V	3.00	1.50	90
BDW 22A	P	10	60	15/150	4	4	3.00A × 30V	3.00	1.50	90
BDW 22B	P	10	80	15/150	4	4	3.00A × 30V	3.00	1.50	90
BDW 22C	P	10	100	15/150	4	4	3.00A × 30V	3.00	1.50	90
BDX 18	P	15	60	20/70	4	4	3.87A × 40V	3.00	1.50	117
BDX 20	P	10	140	20/70	3	4	—	0.80	1.50	117
BDY 20	N	15	60	20/70	4	4	1.90A × 60V	1.00	1.50	115
BDY 38	N	6	40	30/	2	4	—	1.00	1.50	115
BDY 73	N	15	60	50/150	4	4	1.95A × 60V	—	1.50	—
CDP 055	P	5	50	25/100	2	2	—	4.00	1.50	50
CDN 055	N	5	50	25/100	2	2	—	4.00	1.50	50

POWER SWITCHING TRANSISTORS:—

Device	Polarity	Ic	VCE0 (sus)	hFE @	Ic	VCE	tr	ts	fr	Rθjc	Pd
		Amp	Volts	min/max	Amp	Volts	μs	μs	min MHz	°C/W	Tc=25°C W
BU 204	N	2.5	600	2.00/	2.0	5	0.75	10	7.5	2.5	10.0
BU 205	N	2.5	700	2.00/	2.0	5	0.75	10	7.5	2.5	10.0
BU 206	N	2.5	800	1.80/	2.0	5	0.75	10	7.5	1.6	10.0
BU 207	N	5.0	600	2.25/	4.5	5	0.90	10	7.0	1.6	12.5
BU 208	N	5.0	700	2.25/	4.5	5	0.70	10	7.0	1.6	12.5
BU 208D*	N	5.0	700	2.25/	4.5	5	0.70	10	7.0	1.6	12.5
BU 209	N	4.0	800	2.25/	3.0	5	0.70	10	7.0	1.6	12.5
BU 326	N	6.0	375	15.0/	2.5	10	0.50	3.5	6.0	—	60.0
BU 326A	N	6.0	400	15.0/	2.5	10	0.50	3.5	6.0	—	60.0
2N 5038	N	20	90	20.0/	12.0	5	0.50	1.5	60	1.25	140.0

*with integrated inverse diode.