

TV, MONITORS AND VCR CIRCUITS

BIPOLAR POWER TRANSISTORS AND DARLINGTONS FOR MONOCHROME DEFLECTION

I _C (A)	V _{CB0} (V)	V _{CEO} (V)	P _{tot} (W)	Package	Type NPN	h _{FE} @ min	I _C / V _{CE}		V _{CE(sat)} max (V)	I _C / I _B	
							(A)	(V)		(A)	(A)
6	800	375	110	SOT 93	BU 326 P	5	2.5	1.5	1.5	2.5	0.5
6	800	375	114	SOT 93	BU 426	5	2.5	1.5	1.5	2.5	0.5
6	900	400	110	SOT 93	BU 326 AP	5	2.5	1.5	1.5	2.5	0.5
6	900	400	114	SOT 93	BU 426 A	5	2.5	1.5	1.5	2.5	0.5
7	330	150	60	TO 220	BU 407	10	5	1	1	5	0.5
7	330	150	60	TO 220	BU 407 D*	8	5	1	1	5	0.65
7	400	150	50	TO 220	BU 104 P	7	7	2	2	7	1
7	400	150	50	TO 220	BU 104 DP*	7	7	2	2	7	1
7	400	200	60	TO 220	BU 406	10	5	1	1	5	0.5
7	400	200	60	TO 220	BU 406 D*	8	5	1	1	5	0.5
7	400	200	60	TO 220	BU 408	10	5	1	1	6	1.2
7	400	200	60	TO 220	BU 408 D*	8	5	1	1	6	1.2
7	600	400	75	TO 220	BU 810**	100	2	2	2.5	4	0.2
8	330	150	60	TO 220	BU 807**	100	5	2	1.5	5	0.05
8	400	200	60	TO 220	BU 806**	100	5	2	1.5	5	0.05
10	330	120	50	TO 220	BU 109 P	7	7	2	2	7	1
10	330	120	50	TO 220	BU 109 DP*	7	7	2	2	7	1

* Transistors with integral damper diode.

** Fast switching monolithic Darlington with integral speed up and damper diodes.

POWER MOS TRANSISTORS

V _{(BR)DSS} (V)	R _{DS(on)} @ max (Ω)	I _D (A)	Package	Type	I _D max (A)	P _{tot} (W)	g _{fs} min (mho)	C _{iss} max (pF)
400	0.55	5.2	TO 218	IRF 740	10	125	4	1600
400	0.55	5	TO 218	SGSP 475	10	150	6	2100
400	0.8	8	ISOWATT 218	IRFP 350 FI	10	70	8	3000
450	1.5	2.5	TO 220	SGSP 364	5	100	3	1000
450	0.7	4.5	TO 218	SGSP 474	9	150	6	2100
500	4	1.2	TO 220	BUZ 74 A	2	40	0.8	500
500	3.8	1.4	TO 220	SGSP 319	2.8	75	0.8	380
500	3	1.2	TO 220	BUZ 74	2.4	40	0.8	500
500	3	1.4	TO 220	IRF 820	2.5	50	1	400
500	3	1.4	ISOWATT 220	IRF 820 FI	2	30	1	400
500	2	2.5	TO 220	BUZ 42	4	75	1.5	2000
500	1.5	2.5	TO 220	BUZ 41 A	4.5	75	1.5	2000
500	1.5	2.5	TO 220	IRF 830	4.5	74	2.7	800
500	1.5	2.5	ISOWATT 220	IRF 830 FI	3	35	2.7	800
500	1.5	2.5	TO 220	SGSP 369	5	100	3	1000
600	0.85	4.4	TO 220	IRF 840	8	125	4.9	1600
500	0.85	4.4	ISOWATT 220	IRF 840 FI	4.5	40	4.9	1600
500	0.8	5.5	TO 218	BUZ 354	8	125	2.7	4900
500	0.8	5	TO 3	BUZ 45 A	8.3	125	2.7	4900
500	0.7	4.5	TO 218	SGSP 479	9	150	5	1900
500	0.6	5.5	TO 218	BUZ 353	9.5	125	2.7	4900
500	0.6	5	TO 3	BUZ 45	9.6	125	2.7	4900
500	0.4	7.9	TO 218	IRFP 450	14	180	9.3	3000
500	0.4	7.9	ISOWATT 218	IRFP 450 FI	9	70	9.3	3000
600	2.5	1.5	TO 220	MTP3N60	3	75	—	1000
600	2.5	1.5	ISOWATT 220	MTP3N60 FI	2.5	35	1.5	1000
600	1.2	3	ISOWATT 218	MTH6N60 FI	3.5	40	3	1800
600	1.2	3	TO 220	MTP6N60	6	125	2	1800
800	2	2	TO 218	STHV 82	5.5	125	2	1000
1000	3.5	2	TO 218	STHV 102	4.2	125	2	1200