

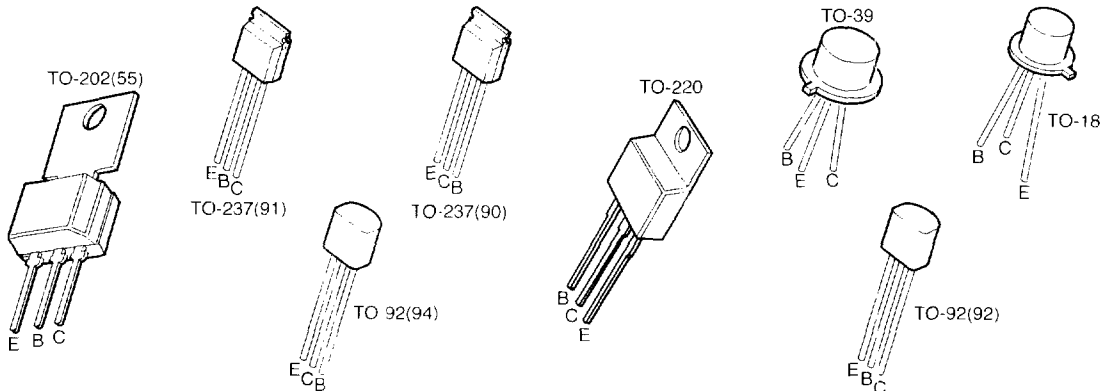
High Current Drivers

$V_{CE(sat)}$ (Volts) Min	Devices		I_C (Amps) Max	$h_{FE} @ I_C$			$V_{CE(sat)} @ I_C \& I_B$			f_T (MHz) Min	Package	P_D (Amb) (Watts) @25°C
	NPN	PNP		Min	Max	mA	(Volts) Max	mA	mA			
100	2N6553		1.0	80	250	50	1.0	1A	100	75	TO-202(55)	1.33
	2N6718	2N6730	1.0	50	250	250	0.35	250	25	50	TO-237(91)	0.85
	NSDU07		1.0	50		250	0.35	250	25	50	TO-202(55)	2.0
80	2N3019		1.0	100	300	150	0.5	500	50	100	TO-39	0.8
	2N3700		1.0	100	300	150	0.5	500	50	80	TO-18	0.5
	2N6707		1.0	40	250	250	1.0	1A	100	50	TO-237(90)	0.85
	2N6717	2N6729	1.0	50	250	250	0.35	250	25	50	TO-237(91)	0.85
	2N6731	2N6732	1.0	100	300	350	0.35	350	35	50	TO-237(91)	0.85
	BC639	BC640	1.5	40	250	150	0.50	500	50	130 Typ.	TO-92(94)	0.625
	D40E7		1.0	50		100	1.0	1A	100	200 Typ.	TO-202(55)	1.33
	D44C11		1.0	40	120	200	0.5	1A	0.1	50 Typ.	TO-220	1.67
	MMBTA06	MMBTA56	0.5	50		100	0.25	100	10	100	TO-236*	0.35
	MPSA06	MPSA56	0.5	50		100	0.25	100	10	100	TO-92(92)	0.625
	NSD105		1.5	120	360	100	0.5	500	50	60	TO-202(55)	2.0
	TN3019		1.0	100	300	150	0.5	500	50	100	TO-237(91)	0.85
		2N4033	1.0	100	300	100	1.0	1A	100	150	TO-39	0.8
		D45C11	1.0	40	120	200	0.5	1A	50	40 Typ.	TO-220	1.67
		PN4356	0.5	50	250	10	0.5	500	50	100	TO-92(92)	0.625
		2N6555	1.5	80	300	50	1.0	1A	100	75	TO-202(55)	1.33
		TN4033	1.0	100	300	100	0.5	500	50	150	TO-237(91)	0.85
65		2N4036	1.0	40	140	150	0.65	150	15	60	TO-39	1.0
		TN4036	1.0	40	140	150	0.65	150	15	60	TO-237	0.85

* TO-236AB is standard for all devices.

Please refer to Surface Mount section for TO-236 Device Marking.

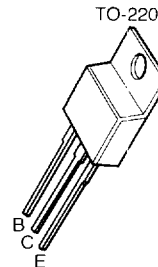
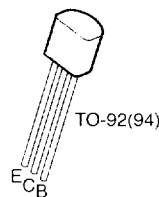
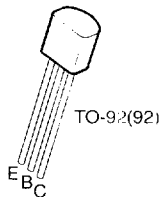
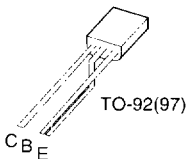
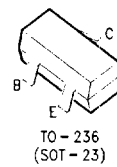
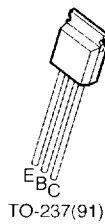
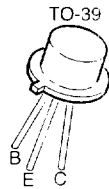
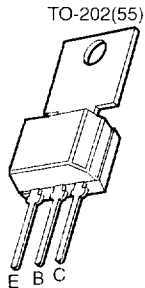
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High Current Drivers (continued)

V _{CE0(max)} (Volts) Min	Devices		I _C (Amps) Max	h _{FE} @ I _C			V _{CE(sat)} @ I _C , β _{FE}			I _C (mA) Min	Package	P _D (Amb) (Watts) @25°C
	NPN	PNP		Min	Max	mA	(Max) Max	mA	mA			
60	2N6551		1.0	80	300	50	1.0	1A	100	75	TO-202(55)	1.33
	2N6716	2N6728	1.0	50	250	250	0.35	250	25	50	TO-237(91)	0.85
	BC637	BC639	1.5	40	250	150	0.50	500	50	130 Typ.	TO-92(94)	0.625
	MMBTA05	MMBTA55	0.5	50		100	0.25	100	10	100	TO-236*	0.35
	MPS8098		0.5	100	300	1	0.3	100	10	150	TO-92(92)	0.625
	MPSA05	MPSA55	0.5	50		100	0.25	100	10	100	TO-92(92)	0.625
	NSDU05	NSDU55	1.5	50		250	0.35	250	25	50	TO-202(55)	1.33
		2N4032	1.0	100	300	100	0.5	500	50	150	TO-39	0.8
		2N6554	1.5	80	300	50	1.0	1A	100	75	TO-202(55)	1.33
		D43C8	3.0	40	120	200	0.5	1A	50	150 Typ.	TO-202(55)	1.33
		D45C8	4.0	40	120	200	0.5	1A	50	40 Typ.	TO-220	1.67
		D45H8	10.0	40		4A	1.0	8A	400	40 Typ.	TO-220	1.67
	PN4355	0.5	100	400	10	1.0	1	1A	100	TO-92(92)	0.625	
50	2N3725		1.0	60	150	100	0.95	1A	100	300	TO-39	0.8
	TN3725		1.0	60	150	100	0.75	1A	100	300	TO-237(91)	0.85
45	BC337	BC327	0.8	100	600	100	0.7	500	50	60 Typ.	TO-92(97)	0.625
	BC635	BC636	0.5	40	250	150	0.50	500	50	130 Typ.	TO-92(94)	0.625
	BC818	BC808	0.5	100	600	100	0.7	500	50	100 Typ.	TO-236*	0.3

* TO-236AB is standard for all devices.
Please refer to Surface Mount section for TO-236 Device Marking.



High Current Drivers (continued)

V _{CE(sat)} (Volts) Min	Devices		I _C (Amps) Max	h _{FE} @ I _C			V _{CE(sat)} @ I _C & I _B			f _T (MHz) Min	Package	P _D (Amb) (Watts) @25°C
	MPN	PNP		Min	Max	Min	(Volts) Max	mA	mA			
45	BCX19	BCX17	0.5	100	600	100	0.62	500	50	100 Typ.	TO-236*	0.3
	BD371	BD370	1.0	40	400	100	0.7	750	75	50	TO-237(91)	0.85
	BD373	BD372	1.0	40	400	100	0.7	1A	100	50	TO-237(90)	0.85
		D41D4	1.0	50	150	100	0.5	500	50	150 Typ.	TO-202(55)	1.33
		D41D5	1.0	120	360	100	0.5	500	50	40 Typ.	TO-202(55)	1.33
		D45H5	1.0	40		4A	1.0	8A	400	40 Typ.	TO-220	1.67
40	2N6715	2N6727	1.0	50	250	1A	0.5	1A	100	50	TO-237(91)	0.85
	MPSW01A		1.0	50		1A	0.5	1A	100	50	TO-226	1.0
	MPSW51A		1.0	50		1A	0.7	1A	100	50	TO-226	1.0
		2N3467	1.0	40	120	500	1.0	1A	100	175	TO-39	1.0
		2N4037	1.0	50	250	150	1.4	150	15	60	TO-39	1.0
30	NSDU01		1.5	50		1A	0.5	1A	100	50	TO-202(55)	2.0
	2N3724		1.0	60	150	100	0.75	1A	100	300	TO-39	0.8
	2N6714	2N6726	1.0	50	250	1A	0.5	1A	100	50	TO-237(91)	0.85
	D40D1		1.0	50	150	100	1.0	500	50	200 Typ.	TO-202(55)	1.33
	D40D2		1.0	120	360	100	1.0	500	50	200 Typ.	TO-202(55)	1.33
25	BC338	BC328	0.8	100	600	100	0.7	500	50	200 Typ.	TO-92(97)	0.625
	BC817	BC807	0.5	100	600	100	0.7	500	50	100 Typ.	TO-236*	0.3
	BCX20	BCX18	0.5	100	600	100	0.62	500	50	100 Typ.	TO-236*	0.3
20	BC368	BC369	1.0	85	375	500	0.5	1A	100	200 Typ.	TO-92(94)	1.0

* TO-236AB is standard for all devices.
Please refer to Surface Mount section for TO-236 Device Marking

