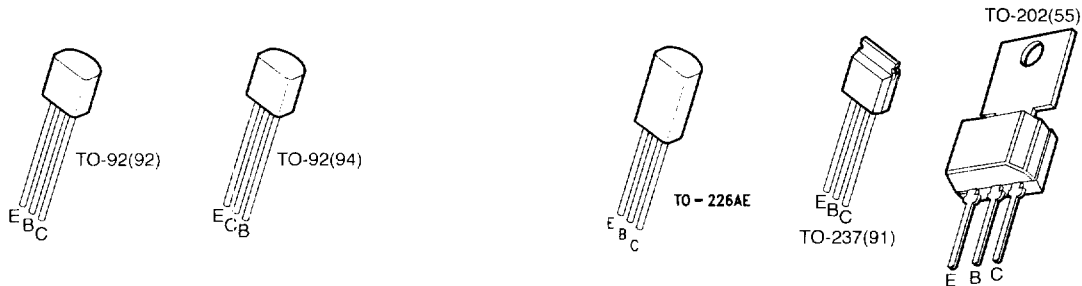


Darlington Transistors

$V_{CE(sust)}$ (Volts) Min	Devices		I_C Max (Amps)	$h_{FE} @ I_C$			$V_{CE(sat)} @ I_C \& I_B$			f_T (MHz) Min	Package	P_D (Amb) (Watts) @25°C				
	NPN	PNP		Min	Max	mA	(Volts) Max	mA	μA							
100	2N7051		1	20,000		100	1.4	200	200	200	TO-92(94)	0.6				
				1,000	20,000	1A										
	PZT7052		500	10,000		100	1.5	100	100	100	SOT-223	1.5				
				1,000	20,000	1A										
	2N7053		1	20,000		100	1.5	100	100	200	TO-226	1				
				1,000	20,000	1A										
50	2N6725		1	25,000		200	1.0	200	2mA	100	TO-237(91)	0.85				
				15,000		500							1.5	1A	2mA	100
				4,000	40,000	1A										
	D40C7		1	10,000	60,000	200	1.5	500	500		TO-202(55)	1.3				
	D40K2		1	10,000		200	1.5	1.5A	3mA		TO-202(55)	1.3				
				1,000		1.5A										
	D40K4		1	10,000		200	1.5	1A	2mA		TO-202(55)	1.3				
				1,000		1.5A										
40	2N5307		0.3	2,000	20,000	2	1.4	200	200	60	TO-92(94)	0.4				
				6,000		100										
	2N5308		0.3	7,000	70,000	2	1.4	200	200	60	TO-92(94)	0.4				
				20,000		100										
	2N6427		0.5	10,000	100,000	10	1.2	50	500	130	TO-92(92)	0.625				
				20,000	200,000	100	1.5	500	500							
				14,000	140,000	500										
	2N6548		2	25,000	150,000	200	1.5	1A	2mA		TO-202(55)	1.3				
				15,000		500	2.0	2A	4mA							
5,000					1A											

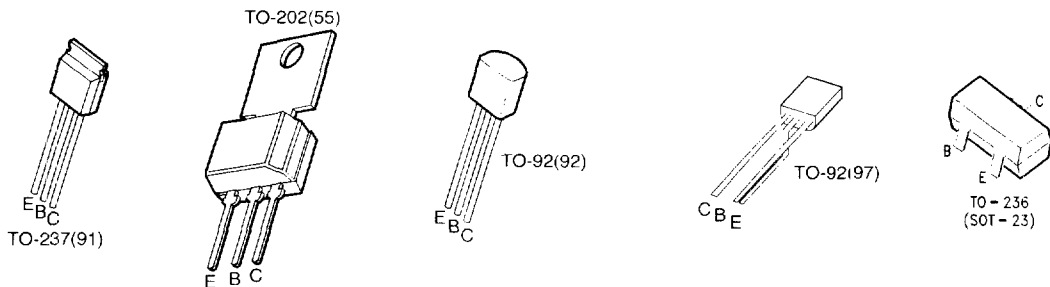


Darlington Transistors (continued)

$V_{CE(sat)}$ (Volts) Min	Devices		I_C Max (Amps)	$h_{FE} @ I_C$			$V_{CE(sat)} @ I_C \& I_B$			f_T (MHz) Min	Package	P_D (Amb) (Watts) @25°C
	NPN	PNP		Min	Max	mA	(Volts) Max	mA	μA			
40	2N6549		2	15,000	150,000	200	1.5	1A	2mA		TO-202(55)	1.3
				10,000		500	2	2A	4mA			
				3,000		1A						
	2N6724		1	25,000		200	1.0	200	2mA	100	TO-237(91)	0.85
				15,000		500	1.5	1A				
				4,000	40,000	1A						
	D40C4		1	10,000	60,000	200	1.5	500	500		TO-202(55)	1.3
	D40C5		1	40,000		200	1.5	500	500		TO-202(55)	1.3
	NSD154		1	20,000		10	1.5	100	100		TO-202(55)	1.3
				5,000		100						
NSDU45		1	25,000	150,000	200	1.0	200	2mA	100	TO-202(55)	1.3	
			15,000		500	1.5	1A	2mA				
			4,000		1A							
30	BC517	BC516	1	30,000		20	1.0	100	100		TO-92(97)	0.6
	BCV27	BCV26	0.3	4,000		1	1.0	100	100		TO-236*	0.35
				10,000		10						
				20,000		100						
	D40C1		1	10,000	60,000	200	1.5	500	500		TO-202(55)	1.3
	D40K1		1	10,000		200	1.5	1.5A	3mA		TO-202(55)	1.3
				1,000		1.5A						
	MMBTA13		0.3	5,000		10	1.5	100	100	125	TO-236*	0.35
				10,000		100						
	MMBTA14		0.3	10,000		10	1.5	100	100	125	TO-236*	0.35
20,000					100							

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

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Darlington Transistors (continued)

$V_{CE0(sust)}$ (Volts) Min	Devices		I_C Max (Amps)	$h_{FE} @ I_C$			$V_{CE(sat)} @ I_C \& I_B$			t_{ON} (ns)	Package	$P_{D(sust)}$ (Watt)
	NPN	PNP		Min	Max	Typ	Max	Min	Typ			
30	PZTA14	PZTA64	0.3	10,000		10	1.5	100	100	125	SOT-223	1.5
				20,000		100						
	MPSA13	MPSA63	0.5	5,000		10	1.5	100	100	125	TO-92(92)	0.625
				10,000		100						
	MPSA14		0.5	10,000		10	1.5	100	100	125	TO-92(92)	0.625
				20,000		100						
		MPSA65	0.5	50,000		10	1.5	100	100	100	TO-92(92)	0.625
				20,000		100						
25	2N5306		0.2	7,000	70,000	2	1.4	200	200	60	TO-92(94)	0.4
				20,000		100						
20	MPSA12		0.5	20,000		10	1.0	10	10		TO-92(92)	0.625

