

**CASE TO-126**  
 $I_{C(MAX)} = .5-4A$   
 $V_{CEO(SUS)} = 40-400V$

**POWER TRANSISTORS**

Ic CONT (A) MAX	VCE0 (V)	VCEV (V)	DARLINGTON	SWITCHING	DEVICE TYPE		hfe @ Ic		RESISTIVE SWITCHING			fr Min (MHz)	PD (Case) Watts @ 25°C		
					NPN	PNP	Min/Max	(A)	ts Max (µsec)	ts Max (µsec)	Ic (A)				
0.5 1.0	300	600 400			MJE340	MJE350	30-240	0.05	0.6 TYP	0.3 TYP	0.5	3	20.8		
	40				2N4921	2N4918	20/100	0.5							
	60				2N4922	2N4919	20/100	0.5							
	80				2N4923	2N4920	20/100	0.5							
300					yes *	MJE13002				0.15					12.5
400					yes *	MJE13003				0.15					12.5
40					yes	2N5190	2N5193	25/100	1		4	0.7	1	5	40
40						2N6037	2N6034	750/15000	1		4	0.7	1	5	40
60					yes	MJE800	MJE700	750 Min	1.5					2	40
60						MJE801	MJE701	750 Min	2					*1	40
60					yes	2N5191	2N5194	25/100	1.5					*1	40
60						2N6038	2N6035	750/15000	2					2	40
80		yes	MJE802	MJE702	750 Min	1.5					*1	40			
80			MJE803	MJE703	750 Min	2					*1	40			
80		yes	2N5192	2N5195	25/100	1.5					2	40			
80			2N6039	2N6036	750/15000	2						40			

NOTES: \* hfe @ 1 MHz      • TO-126      ALL OTHER DEVICES TO-126 (1)

**CASE TO-66**  
 $I_{C(MAX)} = 1-5A$   
 $V_{CEO(SUS)} = 40-425V$

**PNP Power Transistors**

Type No.	Ptot (mW)	VCE0 (V)	hFE@IC		VCE(SAT)		fr (MHz)	ts tOFF (ns)	PACKAGE
			MINMAX	(mA)	(V) MAX	(mA)			
2N2906	400	40	40/120	150	0.4	150/15	200	80	TO-18
2N2906A	400	60	40/120	150	0.4	150/15	200	80	
2N2907	400	40	100/300	150	0.4	150/15	200	80	
2N2907A	400	60	100/300	150	0.4	150/15	200	80	
2N3250	360	40	50/150	10	0.5	50/5	250	175	
3N3251	360	40	100/300	10	0.5	50/5	300	200	
2N4035	360	40	150/300	10	0.3	50/5	450	150*	
2N3930	400	180	80/300	10	0.25	10/1	60		
2N2904	600	40	40/120	150	0.4	150/15	200	80	TO-39
2N2904A	600	60	40/120	150	0.4	150/15	200	80	
2N2905	600	40	100/300	150	0.4	150/15	200	80	
2N2905A	600	60	100/300	150	0.4	150/15	200	80	
2N4030	800	60	40/120	100	0.5	500/50	100	350	
2N4031	800	80	40/120	100	0.5	500/50	100	350	
2N4032	800	60	100/300	100	0.5	500/50	150	350	
2N4033	800	60	100/300	100	0.5	500/50	150	350	
2N4036	1000	65	40/140	150	0.65	150/15	60	700	
2N4037	700	40	50/250	150	0.3	150/15	100	110	
2N3931	700	180	80/300	10	0.25	10/1	60		
2N5322	1000	75	30/130	500	0.7	150/15	100	1000*	
2N5323	1000	50	40/250	500	1.2	150/15	50	1000*	