

TABLE 10 : 2N6700 SERIES MEDIUM POWER TRANSISTORS

NPN	PNP	V_{CB0} V	V_{CE0} V	Max. Cont. I_C	Max. I_{CM}	Max. $V_{CE(sat)}$ at			h_{FE} at			Min. f_T at		P_{tot} at $T_{amb} = 25^\circ C$ mW
				A	A	V	I_C mA	I_B mA	Min.	Max.	I_C mA	MHz	I_C mA	
2N6714	2N6726	40	30	1	2	0.5	1000	100	50	250	1000	50	50	1000
2N6715	2N6727	50	40	1	2	0.5	1000	100	50	250	1000	50	50	1000
2N6724	—	50	40	1	2	1.5	1000	2	4K	40K	1000	—	—	1000
2N6725	—	60	50	1	2	1.5	1000	2	4K	40K	1000	—	—	1000
2N6716	2N6728	60	60	1	2	0.35	250	25	50	250	250	50	50	1000
2N6717	2N6729	80	80	1	2	0.35	250	25	50	250	250	50	50	1000
2N6731	2N6732	100	80	1	2	0.35	350	35	100	300	350	50	200	1000
2N6718	2N6730	100	100	1	2	0.35	250	25	50	250	250	50	50	1000

TABLE 11 : NPN HIGH PERFORMANCE DARLINGTONS

The devices shown in this table are designed for applications requiring very high current gain at current levels up to 1A and power dissipation up to 1W.

Type	V_{CB0} V	V_{CE0} V	Max. I_C cont.	Max. I_{CM}	Max $V_{CE(sat)}$ at			h_{FE} at			f_T MHz	P_{tot} at $T_{amb} = 25^\circ C$ mW	Complement
			A	A	V	I_C mA	I_B mA	Min.	Max.	I_C mA			
ZTX601§	180	160	1	4	1.2	1000	10	2000	100,000	500	150	1000	—
ZTX600	160	140	1	4	1.2	1000	10	2000	100,000	500	150	1000	—
ZTX605§	140	120	1	4	1.5	1000	1	5000	—	500	150	1000	ZTX705
ZTX604	120	100	1	4	1.5	1000	1	5000	—	500	150	1000	ZTX704
ZTX614	120	100	0.8	2	1.25	800	8	10000	—	500	—	1000	—
ZTX603§	100	80	1	4	1.0	1000	1	5000	—	500	150	1000	—
ZTX602	80	60	1	4	1.0	1000	1	5000	—	500	150	1000	—
BCX38C§	80	60	0.8	2	1.25	800	8	10000	—	500	—	1000	ZTX712
BCX38B	80	60	0.8	2	1.25	800	8	4000	—	500	—	1000	—
BCX38A	80	60	0.8	2	1.25	800	8	1000	—	500	—	1000	—

TABLE 12 : PNP HIGH PERFORMANCE DARLINGTONS

Type	V_{CB0} V	V_{CE0} V	Max. I_C cont.	Max. I_{CM}	Max $V_{CE(sat)}$ at			h_{FE} at			f_T MHz	P_{tot} at $T_{amb} = 25^\circ C$ mW
			A	A	V	I_C mA	I_B mA	Min.	Max.	I_C mA		
ZTX705	120	120	1	4	1.3	1000	1	3000	30000	1000	—	1000
ZTX704§	120	100	1	4	1.3	1000	1	3000	30000	1000	—	1000
ZTX712	80	60	0.8	2	1.25	800	8	10000	—	—	—	1000

§Available with centre collector lead form option. See centre collector section for details.