

Section 2: Bipolar Transistors

Low Saturation Transistors up to 100 Volts

E-Line Low Saturation PNP Transistors up to 100W

Pinout Details: 1-Collector, 2-Base, 3-Emitter

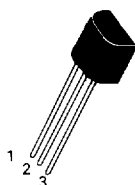
Type	V _{CB0} V	V _{CEO} V	I _C A	h _{FE}		V _{CE(sat)}		f _T min MHz	P _D W			
				min	max	at I _C A	at V _{CE} V			max V	at I _C A	at I _B mA
ZTX951	-100	-60	-4	100 10	300 —	-1 -10	-1 -1	-0.10 -0.30	-1 -4	-100 -400	120 †	1.2
ZTX751	-80	-60	-2	100 40	300	-0.5 -2	-2 -2	-0.5	-2	-200	100	1
ZTX551	-80	-60	-1	50 10	150 —	-0.15 -10	-10 -1	-0.35	-0.15	-15	150	1
ZTX792A	-75	-70	-2	250 200	—	-0.5 -1	-2 -2	-0.5	-1	-25	100	1
ZTX750*	-60	-45	-2	100 40	300 —	-0.5 -2	-2 -2	-0.5	-2	-2000	100	1
ZTX550	-60	-45	-1	100 15	300	-0.15 -1	-10 -10	-0.25	-0.15	-15	150	1
ZTX790A	-50	-40	-2	250 150	—	-0.5 -2	-2 -2	-0.75	-2	-50	100	1
ZTX949	-50	-30	-4.5	100 75	300 —	-1 -5	-1 -1	-0.06 -0.32	-0.5 -5	-20 -300	100 †	1.2
ZTX1151A	-45	-40	-3	180 100	—	-2 -3	-2 -2	-0.17 -0.25	-0.5 -3	-5 -250	145 †	1
ZTX948	-40	-20	-4.5	100 15	300 —	-1 20	-1 -1	-0.1 -0.31	-0.5 -5	-10 -300	80 †	1.2
ZTX749	-35	-25	-2	100 15	300 —	-1 -6	-2 -2	-0.5	-2	-200	100	1
ZTX549A	-35	-30	-1	150 40	500 —	-0.5	-2	-0.5	-1	-100	100	1
ZTX549	-35	-25	-1	100 40	300 —	-0.5 -2	-2 -2	-0.5	-1	-100	100	1
ZTX1149A	-30	-25	-3	195 115	—	-2 -5	-2 -2	-0.17 -0.3	-0.5 -3	-3 -70	135 †	1
ZTX789A	-25	-25	-3	250 100	—	-1 -6	-2 -2	-0.45	-2	-20	100	1
ZTX718	-20	-20	-2.5	300 15	—	-0.1 -6	-2 -2	-0.2	-1	-20	150	1
ZTX788A	-20	-15	-3	200 80	—	-2 -10	-2 -2	-0.32	-2	-20	100	1
ZTX788B	-15	-15	-3	300 150	—	-2 -6	-2 -2	-0.45	-2	-10	100	1
ZTX968	-15	-12	-4.5	300 150	1000 —	-0.5 -10	-1 -1	-0.1 -0.3	-0.5 -5	-5 -200	85 †	1.2
ZTX1147A	-15	-12	-4	200 90	—	-2 -10	-2 -2	-0.11 -0.235	-0.5 -4	-2.5 -70	115 †	1

† Upon agreement centre collector (pinout BCE) versions of the above listed specifications can be supplied; such devices will be identified with prefix FXT i.e. FXT790B

* For New Designs please use the 60V equivalent ZTX751

† Typical f_T

E-Line



Tape and Reel Information - see section 12 ➤ Thermal Data - see section 13 ➤