

# Section 2: Bipolar Transistors

## NPN RF Transistors

E-Line NPN RF ( $f_T$  400 to 1300 MHz) Transistors ( $P_D = \text{up to } 500\text{mW max}$ )

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

Type	$V_{CB0}$ V	$V_{CE0}$ V	$I_C$ mA	h <sub>FE</sub>		at $I_C$ mA	at $V_{CE}$ V	N Typ. dB	$I_C$ mA	f MHz	$f_T$		$C_{obo}$ max pF
				min	max						min MHz	at $I_C$ mA	
ZTX327	55	30	100	15	—	50	1	—	—	—	500	25	3
ZTX3866	55	30	100	15	200	50	5	—	—	—	400	25	3
MPSH10P	30	25	25	60	—	4	10	5	2	500	650	4	0.65
ZTX325	30	15	25	20	125	25	1	5	2	500	1300	25	0.85
ZTX320	30	15	500	20	—	3	1	6	1	60	600	4	1.7
ZTX321	30	15	500	20	—	3	1	6	1	60	600	4	1.7
ZTX322	30	15	500	20	150	3	1	6	1	60	600	4	1.7
ZTX323	30	15	500	100	300	3	1	6	1	60	600	4	1.7
MPS5179	20	12	50	25	250	3	1	4.5	1.5	100	900	5	1

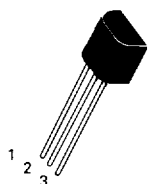
TO92 NPN RF Transistors ( $P_D = 350\text{mW}$ )

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

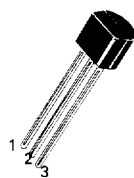
Part No.	$V_{CB0}$ V	$V_{CE0}$ V	$I_C$ mA	h <sub>FE</sub>		at $I_C$ mA	$V_{CE(sat)}$		$f_T$ MHz	
				Min	Max		at $I_C$ mA	at $I_B$ mA		
MPSH10	30	25	25	60	—	4	0.5	4	0.4	650

NB Please consult your local Zetex Sales Office to confirm the availability of this device. Not recommended for New Designs.

E-Line



TO92



Tape and Reel Information - see section 12 >

Thermal Data - see section 13 >

# ZETEX