

PNP LOW LEVEL

ZETEX SEMICONDUCTORS

TABLE 2 — PNP SILICON PLANAR LOW LEVEL TRANSISTORS

The devices shown in this table are low level transistors designed for small and medium signal, low and medium power amplification from DC to radio frequencies in Commercial, Industrial and Military equipments.

These transistors are particularly suitable for use as Audio Frequency Amplifiers, Driver and Output Stages, Oscillators and General Purpose Switches.

The devices are listed in order of decreasing Breakdown Voltages (V_{CB} and V_{CEO}), decreasing Collector Currents (I_C), Power Dissipation (P_{tot}), etc.

Type	V_{CB} V	V_{CEO} V	Max I_C mA	Max $V_{CE(sat)}$ at			h_{FE} at			Min f_T at		P_{tot} at $T_{amb} = 25^\circ C$ mW	Package	Complement
				V	I_C mA	I_B mA	Min	Max	I_C mA	MHz	I_C mA			
BSV17	—	80	1000	1.0	500	25	40	100	100	50	50	800	TO-39	—
ZT211	90	65	1000	0.65	150	15	40	120	150	60	50	1000	TO-39	ZT90/95
2N4036	90	65	1000	0.65	150	15	40	140	150	—	—	1000	TO-39	2N2102
ZT189	70	70	500	0.2	50	5	75	250	10	150	10	300	TO-18	ZT89
BSV16	—	60	1000	1.0	500	25	40	100	100	50	50	800	TO-39	—
BC161	60	60	1000	1.0	1000	100	40	250	100	50	50	3700*	TO-39	BC141
BCY77	60	60	100	0.25	10	0.25	120	460	2	180†	10	1000*	TO-18	BCY65E
2N2605	60	45	30	0.5	10	0.5	150	—	0.5	30	0.5	400	TO-46	—
2N2604	60	45	30	0.5	10	0.5	60	—	0.5	30	0.5	400	TO-46	—
BSV15	—	40	1000	1.0	500	25	40	100	100	50	50	800	TO-39	—
ZT210	60	40	1000	1.4	150	15	20	100	150	60	50	1000	TO-39	ZT94
2N4037	60	40	1000	1.4	150	15	50	250	150	—	—	1000	TO-39	2N3053
BC177	50	45	200	0.2	10	0.5	120	460	2	130	10	300	TO-18	BC107
BCY70	50	40	200	0.25	10	1	100	—	10	250	10	350	TO-18	—
2N1132	50	35	600	1.5	150	15	30	90	150	—	—	600	TO-39	2N697
ZT183	45	45	500	0.4	50	5	38	85	10	150	10	300	TO-18	ZT83
ZT184	45	45	500	0.4	50	5	75	170	10	150	10	300	TO-18	ZT84
BCY79	45	45	200	0.25	10	0.25	120	460	2	180†	10	1000*	TO-18	BCY59
BCY71	45	45	200	0.25	10	1	100	400	10	250	10	350	TO-18	—
ZT181	45	35	500	0.2	10	1	38	162	10	150	10	300	TO-18	ZT181
ZT182	45	35	500	0.2	10	1	75	260	10	150	10	300	TO-18	ZT82
BC160	40	40	1000	1.0	1000	100	40	250	100	50	50	3700*	TO-39	BC140
BCY78	32	32	200	0.25	10	0.25	120	630	2	180†	10	1000*	TO-18	BCY58
BCY72	30	25	200	0.25	10	1	100	—	10	250	10	350	TO-18	—
BC178	30	25	200	0.2	10	0.5	120	800	2	130	10	300	TO-18	BC108
ZT180	25	25	500	0.2	10	1	38	162	10	150	10	300	TO-18	ZT80
ZT187	25	25	500	0.2	10	1	75	250	10	150	10	300	TO-18	ZT87

*At $T_{case} = 45^\circ C$ †Typical