

# PNP TRANSISTORS

## PNP Silicon Transistors

with plastic package 10D3 according to DIN 41870 ( $\approx$ TO-92). On special request, these transistors will also be produced with TO-18 pin configuration.

Type	Pin Config.	$-V_{CE0}$ $h_{FE}$		$-V_{CEsat}$		$-I_{CES}$		$f_T$	$C_{ob}$		at $-V_{CB}$	
		at $-V_{CE}/-I_C$		at $-I_C/-I_B$		at $-V_{CE}$			at $-V_{CE}/-I_C$			
		Volts		V/mA	max. V	mA/mA	max. nA	V	MHz	V/mA	max. pF	V
BC250A	B	20	35-100	1/1	typ. 0.4	30/3	100 <sup>3)</sup>	15	180	5/10	typ. 3.0	10
BC250B	B	20	80-250	1/1	typ. 0.4	30/3	100 <sup>3)</sup>	15	180	5/10	typ. 3.0	10
BC250C	B	20	200-600	1/1	typ. 0.4	30/3	100 <sup>3)</sup>	15	180	5/10	typ. 3.0	10
BC327	B	45	100-630	1/100	0.7	500/50	100	45	100	5/10	typ. 12	10
BC327-16	B	45	100-250	1/100	0.7	500/50	100	45	100	5/10	typ. 12	10
BC327-25	B	45	160-400	1/100	0.7	500/50	100	45	100	5/10	typ. 12	10
BC327-40	B	45	250-630	1/100	0.7	500/50	100	45	100	5/10	typ. 12	10
BC328	B	25	100-630	1/100	0.7	500/50	100	25	100	5/10	typ. 12	10
BC328-16	B	25	100-250	1/100	0.7	500/50	100	25	100	5/10	typ. 12	10
BC328-25	B	25	160-400	1/100	0.7	500/50	100	25	100	5/10	typ. 12	10
BC328-40	B	25	250-630	1/100	0.7	500/50	100	25	100	5/10	typ. 12	10
BC415A <sup>2)</sup>	B	30	min. 40	5/0.01	0.6	100/5	15	30	200	5/10	typ. 4.5	10
BC415B <sup>2)</sup>	B	30	min. 100	5/0.01	0.6	100/5	15	30	200	5/10	typ. 4.5	10
BC415C <sup>2)</sup>	B	30	min. 100	5/0.01	0.6	100/5	15	30	200	5/10	typ. 4.5	10
BC416A <sup>2)</sup>	B	45	min. 40	5/0.01	0.6	100/5	15	50	200	5/10	typ. 4.5	10
BC416B <sup>2)</sup>	B	45	min. 100	5/0.01	0.6	100/5	15	50	200	5/10	typ. 4.5	10
BC416C <sup>2)</sup>	B	45	min. 100	5/0.01	0.6	100/5	15	50	200	5/10	typ. 4.5	10
BC446	B	60	50-460	5/2	0.25	100/10	100 <sup>3)</sup>	30	200	5/50	typ. 3	10
BC448	B	80	50-460	5/2	0.25	100/10	100 <sup>3)</sup>	40	200	5/50	typ. 3	10
BC450	B	100	50-460	5/2	0.25	100/10	100 <sup>3)</sup>	60	200	5/50	typ. 3	10
BC446A	B	60	120-220	5/2	0.25	100/10	100 <sup>3)</sup>	30	200	5/50	typ. 3	10
BC446B	B	60	180-460	5/2	0.25	100/10	100 <sup>3)</sup>	30	200	5/50	typ. 3	10
BC448A	B	80	120-220	5/2	0.25	100/10	100 <sup>3)</sup>	40	200	5/50	typ. 3	10
BC448B	B	80	180-460	5/2	0.25	100/10	100 <sup>3)</sup>	40	200	5/50	typ. 3	10
BC450A	B	100	120-220	5/2	0.25	100/10	100 <sup>3)</sup>	60	200	5/50	typ. 3	10
BC556A	B	65	110-220	5/2	0.65	100/5	15	80	150	5/10	6.0	10
BC556B	B	65	200-450	5/2	0.65	100/5	15	80	150	5/10	6.0	10
BC557A	B	45	110-220	5/2	0.65	100/5	15	50	150	5/10	6.0	10
BC557B	B	45	200-450	5/2	0.65	100/5	15	50	150	5/10	6.0	10
BC557C	B	45	420-800	5/2	0.65	100/5	15	50	150	5/10	6.0	10
BC558A	B	30	110-220	5/2	0.65	100/5	15	30	150	5/10	6.0	10
BC558B	B	30	200-450	5/2	0.65	100/5	15	30	150	5/10	6.0	10
BC558C	B	30	420-800	5/2	0.65	100/5	15	30	150	5/10	6.0	10
BC559A <sup>1)</sup>	B	30	110-220	5/2	0.65	100/5	15	30	150	5/10	6.0	10
BC559B <sup>1)</sup>	B	30	200-450	5/2	0.65	100/5	15	30	150	5/10	6.0	10
BC559C <sup>1)</sup>	B	30	420-800	5/2	0.65	100/5	15	30	150	5/10	6.0	10
BC560A <sup>2)</sup>	B	45	110-220	5/2	0.65	100/5	15	50	150	5/10	6.0	10
BC560B <sup>2)</sup>	B	45	200-450	5/2	0.65	100/5	15	50	150	5/10	6.0	10
BC560C <sup>2)</sup>	B	45	420-800	5/2	0.65	100/5	15	50	150	5/10	6.0	10

<sup>1)</sup> Low Noise Type

<sup>2)</sup> Extremely Low Noise Type

<sup>3)</sup>  $-I_{CBO}$