

# Inventory of discrete standard Types

## 9.1. Transistors

Type (P = PNP) (N = NPN)		Collector base reverse voltage $V_{CB0}; V_{(V_{CES})}; V$	Collector current $I_C; A$	Current gain-bandwidth product $f_T; MHz$	Thermal resistance $R_{thJamb}; K/W$ $(R_{thJcase}); K/W$	Case (PI) = plastic
<b>BD 136</b>	P	-45	-1.5	50	$\leq 100$	SOT-32 (PI)
<b>BD 137</b>	N	60	1.5	50	$\leq 100$	SOT-32 (PI)
<b>BD 138</b>	P	-60	-1.5	50	$\leq 100$	SOT-32 (PI)
<b>BD 139</b>	N	80	1.5	>50	$\leq 100$	SOT-32 (PI)
<b>BD 140</b>	P	-80	-1.5	>50	$\leq 100$	SOT-32 (PI)
<b>BD 233</b>	N	45	2	>3	( $\leq 5$ )	SOT-32 (PI)
<b>BD 234</b>	P	-45	-2	>3	( $\leq 5$ )	SOT-32 (PI)
<b>BD 235</b>	N	60	2	>3	( $\leq 5$ )	SOT-32 (PI)
<b>BD 236</b>	P	-60	-2	>3	( $\leq 5$ )	SOT-32 (PI)
<b>BD 237</b>	N	100	2	>3	( $\leq 5$ )	SOT-32 (PI)
<b>BD 238</b>	P	-100	-2	>3	( $\leq 5$ )	SOT-32 (PI)
<b>BD 433</b>	N	22	4	>3	<100	SOT-32 (PI)
<b>BD 434</b>	P	-22	-4	>3	<100	SOT-32 (PI)
<b>BD 435</b>	N	32	4	>3	<100	SOT-32 (PI)
<b>BD 436</b>	P	-32	-4	>3	<100	SOT-32 (PI)
<b>BD 437</b>	N	45	4	>3	<100	SOT-32 (PI)
<b>BD 438</b>	P	-45	-4	>3	<100	SOT-32 (PI)
<b>BD 439</b>	N	60	4	>3	<100	SOT-32 (PI)
<b>BD 440</b>	P	-60	-4	>3	<100	SOT-32 (PI)
<b>BD 441</b>	N	80	4	>3	<100	SOT-32 (PI)
<b>BD 442</b>	P	-80	-4	>3	<100	SOT-32 (PI)
<b>BD 533</b>	N	45	4	>3	<80	TOP-66
<b>BD 534</b>	P	-45	-4	>3	<80	TOP-66
<b>BD 535</b>	N	60	4	>3	<80	TOP-66
<b>BD 536</b>	P	-60	-4	>3	<80	TOP-66
<b>BD 537</b>	N	80	4	>3	<80	TOP-66
<b>BD 538</b>	P	-80	-4	>3	<80	TOP-66
<b>BD 675</b>	N	45	4	>1	<100	SOT-32 (PI)
<b>BD 676</b>	P	-45	-4	>1	<100	SOT-32 (PI)
<b>BD 677</b>	N	60	4	>1	<100	SOT-32 (PI)
<b>BD 678</b>	P	-60	-4	>1	<100	SOT-32 (PI)
<b>BD 679</b>	N	80	4	>1	<100	SOT-32 (PI)
<b>BD 680</b>	P	-80	-4	>1	<100	SOT-32 (PI)