

Transistors

For complete package outlines, refer to pages PO-1 through PO-6

High Voltage Transistors

Type		Maximum Ratings			Characteristics (T _A =25°C)								Case			
N=NPN P=PNP		V _{CEO} V	I _C mA	P _t mW	f _T MHz	I _{CBO} at nA	V _{CBO} V	h _{FE} at	I _C mA	V _{CE} V	V _{CE(sat)} at V	I _C mA	I _B mA	Style	Lead Code	SOT Equiv.
BF420	N	300	50	830	100	≤ 10	200	≥ 50	25	20	≤ 20.0	25	-	TO-92d	58	BFN20
BF421	P	300	50	830	100	≤ 10	200	≥ 50	25	20	≤ 20.0	25	-	TO-92d	59	BFN21
BF422	N	250	50	830	100	≤ 10	200	≥ 50	25	20	≤ 20.0	25	-	TO-92d	59	BFN22
BF423	P	250	50	830	100	≤ 10	200	≥ 50	25	20	≤ 20.0	25	-	TO-92d	58	BFN23
BFP22	N	200	200	625	70	≤ 100	160	≥ 50	30	10	≤ 0.5	20	2	TO-92c	60	BFN24
BFP23	P	200	200	625	70	≤ 100	160	≥ 50	30	10	≤ 0.4	20	2	TO-92c	61	BFN25
BFP25	N	300	200	625	70	≤ 100	250	≥ 40	30	10	≤ 0.4	20	2	TO-92c	60	BFN26
BFP26	P	300	200	625	70	≤ 100	250	≥ 40	30	10	≤ 0.5	20	2	TO-92c	61	BFN27

Darlington Transistors

Type		Maximum Ratings			Characteristics (T _A =25°C)								Case			
N=NPN P=PNP		V _{CEO} V	I _C mA	P _t mW	f _T MHz	I _{CBO} at nA	V _{CBO} V	h _{FE} at	I _C mA	V _{CE} V	V _{CE(sat)} at V	I _C mA	I _B mA	Style	Lead Code	SOT Equiv.
BC516	P	40	500	625	200	≤ 100	30	≥ 30000	20	2	≤ 1.0	100	0.1	TO-92b	51	BCV26
BC517	N	40	500	625	150	≤ 100	30	≥ 30000	20	2	≤ 1.0	100	0.1	TO-92b	53	BCV27
BC617	N	50	500	625	150	≤ 100	40	≥ 20000	200	5	≤ 1.1	200	0.2	TO-92b	53	BCV47
BC618	N	80	500	625	150	≤ 100	60	≥ 10000	200	5	≤ 1.1	200	0.2	TO-92b	53	BCV47
BC875	N	60	1000	800	150	≤ 100	60	≥ 2000	500	10	≤ 1.3	500	0.5	TO-92b	58	BSP50
BC876	P	60	1000	800	150	≤ 100	60	≥ 2000	500	10	≤ 1.3	500	0.5	TO-92b	59	BSP60
BC877	N	80	1000	800	150	≤ 100	80	≥ 2000	500	10	≤ 1.3	500	0.5	TO-92b	58	BSP51
BC878	P	80	1000	800	150	≤ 100	80	≥ 2000	500	10	≤ 1.3	500	0.5	TO-92b	59	BSP61
BC879	N	100	1000	800	150	≤ 100	100	≥ 2000	500	10	≤ 1.3	500	0.5	TO-92b	58	BSP52
BC880	P	100	1000	800	150	≤ 100	100	≥ 2000	500	10	≤ 1.3	500	0.5	TO-92b	59	BSP62