

Darlington Transistors



S Indicates sorted columns
* Consult datasheet on web

Central Part Number (Click to view product details)	S V _{CEO} MAX	I _{CC} MAX	V _{CE(SAT)}	h _{FE} MIN	Die Size (MILS)	Die Thickness (MILS)	Top Metallization (Å)	Bottom Metallization (Å)
CP307V-2N5308	40V	300mA	1.4V	7000	27.17 X 27.17	7.09	AL (30000)	AU (18000)
CP127-2N6294	60V	4A	2V	750	110 X 110	10.6	AL (20000)	NI/AG (2000/10000)
CP527-2N6296	60V	4A	2V	750	110 X 110	10.6	AL (20000)	NI/AG (2000/10000)
CP127-2N6300	60V	8A	2V	750	110 X 110	10.6	AL (20000)	NI/AG (2000/10000)
CP527-2N6053	60V	8A	2V	750	110 X 110	10.6	AL (20000)	NI/AG (2000/10000)
CP230-2N6039	80V	4A	2V	750	80 X 80	8	AL (30000)	TI/PD/AG (2500/5500/12000)
CP630-2N6036	80V	4A	2V	750	80 X 80	8	AL (30000)	TI/PD/AG (2500/5500/12000)
CP127-2N6301	80V	8A	2V	750	110 X 110	10.6	AL (20000)	NI/AG (2000/10000)
CP527-2N6299	80V	8A	2V	750	110 X 110	10.6	AL (20000)	NI/AG (2000/10000)
CP127-2N6385	80V	10A	2V	1000	110 X 110	10.6	AL (20000)	NI/AG (2000/10000)
CP127-2N6388	80V	10A	2V	1000	110 X 110	10.6	AL (20000)	NI/AG (2000/10000)
CP527-2N6668	80V	10A	2V	1000	110 X 110	10.6	AL (20000)	NI/AG (2000/10000)
CP147-MJ11014	90V	30A	3V	1000	195 X 195	11.4	AL (60000)	TI/NI/AU (1100/4000/500)
CP647-MJ11013	90V	30A	3V	1000	211 X 211	12.5	AL (50000)	TI/NI/AG (1000/6000/10000)
CP230-CZT122	100V	5A	2V	1000	80 X 80	8	AL (30000)	TI/PD/AG (2500/5500/12000)
CP230-TIP122	100V	5A	2V	1000	80 X 80	8	AL (30000)	TI/PD/AG (2500/5500/12000)
CP630-CZT127	100V	5A	2V	1000	80 X 80	8	AL (30000)	TI/PD/AG (2500/5500/12000)
CP630-TIP127	100V	5A	2V	1000	80 X 80	8	AL (30000)	TI/PD/AG (2500/5500/12000)
CP127-2N6045	100V	8A	2V	1000	110 X 110	10.6	AL (20000)	NI/AG (2000/10000)
CP527-2N6042	100V	8A	2V	1000	110 X 110	10.6	AL (20000)	NI/AG (2000/10000)
CP127-TIP142	100V	10A	2V	1000	110 X 110	10.6	AL (20000)	NI/AG (2000/10000)
CP527-TIP147	100V	10A	2V	1000	110 X 110	10.6	AL (20000)	NI/AG (2000/10000)
CP647-2N6287	100V	20A	2V	750	211 X 211	12.5	AL (50000)	TI/NI/AG (1000/6000/10000)
CP647-PMD19K100	100V	30A	2V	800	211 X 211	12.5	AL (50000)	TI/NI/AG (1000/6000/10000)
CP147-MJ11016	120V	30A	3V	1000	195 X 195	11.4	AL (60000)	TI/NI/AU (1100/4000/500)
CP247-MJ11016	120V	30A	3V	1000	211 X 211	12.5	AL (50000)	TI/NI/AG (1000/6000/10000)
CP647-MJ11015	120V	30A	3V	1000	211 X 211	12.5	AL (50000)	TI/NI/AG (1000/6000/10000)
CP727V-CMPTA64	N/A*	500mA	1.5V	10000	22.835 X 22.835	7.1	AL-SI (17000)	AU (9000)
CP727V-CZTA77	N/A*	500mA	1.5V	10000	22.835 X 22.835	7.1	AL-SI (17000)	AU (9000)
CP727V-MPSA64	N/A*	500mA	1.5V	10000	22.835 X 22.835	7.1	AL-SI (17000)	AU (9000)
CP727V-MPSU95	N/A*	500mA	1.5V	50000	22.835 X 22.835	7.1	AL-SI (17000)	AU (9000)
CP331-CZT2000	N/A*	600mA	1.1V	3000	39.37 X 39.37	9.1	AL-SI (30000)	AU-AS (18000)
CP101-BSS52	N/A*	1A	1.3V	1000	27.5 X 27.5	8	AL (30000)	AU (12000)

Low VCE(SAT) Transistors



Central Part Number (Click to view product details)	S V _{CEO} MAX	I _C MAX	V _{CE(SAT)} MAX	h _{FE} MAX	Die Size (MILS)	Die Thickness (MILS)	Top Metallization (Å)	Bottom Metallization (Å)
CP341V-CMPT3410	25V	1A	75mV	300	17.714 X 17.714	7.09	AL-SI (30000)	AU (9000)
CP382X-CMPT3820	60V	1A	150mV	N/A*	26 X 26	5.9	AL (30000)	AU (9000)
CP753V-CZT953	100V	5A	120mV	300	65.748 X 65.748	7.09	AL-SI (30000)	TI/NI/AG (2000/3000/20000)
CP353V-CZT853	100V	6A	170mV	300	65.748 X 65.748	7.09	AL-SI (30000)	TI/NI/AG (2000/3000/20000)
CP763V-CZT955	140V	4A	80mV	300	48.8 X 48.8	7.09	AL (30000)	TI/NI/AG (2000/3000/20000)