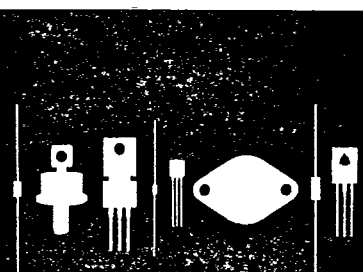


Central
Semiconductor Corp.
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145 Adams Avenue
Hauppauge, New York 11788



T-27-29
T-27-21
SMD

T-27-09

SURFACE MOUNTED DEVICES

TRANSISTOR: SOT-23, SOT-89

CENTRAL SEMICONDUCTOR'S surface mounted devices are assembled on a highly automated, quality production line. Part numbers not listed herein, such as Pro-Electron types (BC, BCV etc...) are also available. All devices are available bulk or T/R and are anti-static packaged.

SILICON TRANSISTORS, SOT-23 CASE, $P_D=0.35$ WATT:

TYPE NO.	DESCRIPTION	V_{CE0} (V)	I_C (mA)	h_{FE} @ I_C (mA)		f_T (MHz)	MARKING	SIMILAR LEADED
				MIN	MAX			
CMPT918	NPN RF OSC	15	350	20		3.0	C3B	2N918
CMPT2222A	NPN AMPL/SWITCH	40	600	100	300	150	C1P	2N2222A
CMPT2369	NPN SAT SWITCH	15	500	40	120	10	C1J	2N2369
CMPT2484	NPN LOW NOISE	60	50	250		1.0	C1U	2N2484
CMPT2907A	PNP AMPL/SWITCH	60	600	100	300	150	C2F	2N2907A
CMPT3640	PNP SAT SWITCH	12	80	30	120	10	C2J	2N3640
CMPT3904	NPN AMPL/SWITCH	40	200	100	300	10	C1A	2N3904
CMPT3906	PNP AMPL/SWITCH	40	200	100	300	10	C2A	2N3906
CMPT4401	NPN AMPL/SWITCH	40	600	100	300	150	C2X	2N4401
CMPT4403	PNP AMPL/SWITCH	40	600	100	300	150	C2T	2N4403
CMPT5086	PNP LOW NOISE	50	50	150	500	0.1	C2P	2N5086
CMPT5087	PNP LOW NOISE	50	50	250	800	0.1	C2Q	2N5087
CMPT5088	NPN LOW NOISE	30	50	300	900	0.1	C1Q	2N5088
CMPT5089	NPN LOW NOISE	25	50	400	1200	0.1	C1R	2N5089
CMPT5401	PNP HIGH VOLT	150	600	60	240	10	C2L	2N5401
CMPT5551	NPN HIGH VOLT	160	600	80	250	10	1FF	2N5551
CMPTA06	NPN HIGH CURRENT	80	500	50		100	C1G	MPSA06
CMPTA13	NPN DARLINGTON	30*	500	10K		100	C1M	MPSA13
CMPTA14	NPN DARLINGTON	30*	500	20K		100	C1N	MPSA14
CMPTA42	NPN HIGH VOLT	300	500	40		30	C1D	MPSA42
CMPTA56	PNP HIGH CURRENT	80	500	50		100	C2G	MPSA56
CMPTA63	PNP DARLINGTON	30*	500	10K		100	C2U	MPSA63
CMPTA64	PNP DARLINGTON	30*	500	20K		100	C2V	MPSA64
CMPTA92	PNP HIGH VOLT	300	500	25		30	C2D	MPSA92

SILICON TRANSISTORS, SOT-89 CASE, $P_D=1.0$ WATT:

CXT2222A	NPN AMPL/SWITCH	40	600	100	300	150	300	CXT2222A	2N2222A
CXT2907A	PNP AMPL/SWITCH	60	600	100	300	150	200	CXT2907A	2N2907A
CXT3019	NPN HIGH CURRENT	80	1000	100	300	150	100	CXT3019	2N3019
CXT3904	NPN AMPL/SWITCH	40	200	100	300	10	300	CXT3904	2N3904
CXT3906	PNP AMPL/SWITCH	40	200	100	300	20	250	CXT3906	2N3906
CXT4033	PNP HIGH CURRENT	80	1000	100	300	100	100	CXT4033	2N4033
CXTA14	NPN DARLINGTON	30*	500	20K		100	125	CXTA14	MPSA14
CXTA42	NPN HIGH CURRENT	300	500	40		30	50	CXTA42	MPSA42
CXTA64	PNP DARLINGTON	30*	500	20k		100	125	CXTA64	MPSA64
CXTA92	PNP HIGH VOLT	300	500	25		30	50	CXTA92	MPSA92

* V_{CES}

(OVER)

Technical drawing of a mechanical part with dimensions:

- Overall width: 4.5 ±0.02
- Top width: 1.6 ±0.01
- Overall height: 4.0 ±0.3
- Right side height: 2.5 ±0.1
- Left side height: 1.0 ±0.1
- Bottom left width: 0.5 Max
- Bottom center width: 1.5
- Bottom right width: 0.55 ±0.01
- Bottom total width: 3.0
- Labels 1, 2, and 3 are placed near the bottom features.

<u>LEAD CODE</u>	<u>PIN 1</u>	<u>PIN 2</u>	<u>PIN 3</u>
SOT-23 TRANSISTOR	EMITTER	BASE	COLLECTOR
SOT-89 TRANSISTOR	EMITTER	COLLECTOR	BASE