

TVS/ESD Suppressor

Comchip TVS/ESD suppressors are designed for use in a variety of digital circuit protection applications including computer peripheral ports (IEEE1284, USB, Firewire, SCSI, gaming, video, keyboard, audio, DC power), industrial control systems, audio and networking equipments. With characteristics of low capacitance, ultra fast response time and stable breakdown, TVS/ESD suppressors have significant application advantages over metal oxide varistors. These components are RoHS compliant and offer a 16KV ESD suppression at 8/20us transient rating (IEC 61000-4-2).

◆ ESD Suppressor

Part Number	Channels	V _{ESD} (V)	I _{pp} (A)	Case
CPDU5V0 ~ 36V	1	5 ~ 36	5.1 ~ 15	SOD-523F
CPD1E5V0-G ~ 36V-G	1	5 ~ 36	5.1 ~ 15	0503
CKLS145V0-G ~ 36V-G	1	5 ~ 36	5.1 ~ 15	SOT-143
CPEV5V0-G ~ 36V-G	1	5 ~ 36	1 ~ 5	SOD-323

◆ ESD Suppressor Array

Part Number	Channels	V _{ESD} (V)	I _o (mA)	Case
CDAAQ20-G	18	10	50	QSOP-20
CDA2Q20-G	17	10	50	QSOP-20
CDA3S06-G	4	10	50	SOT23-6
CDA4S14-G	2	13	50	SOT-143
CDA6N08-G	6	13	50	NSOIC-8
CDA7Q24-G	18	13	50	QSOP-24
CDA8S03-G	1	10	50	SOT-23
CDA9N08-G	4	10	50	NSOIC-8

◆ ESD Suppressor Array

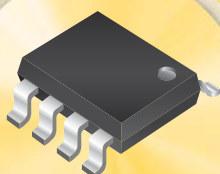
Part Number	Channels	V _{ESD} (V)	I _{pp} (A)	Case
CEAS035V0-G ~ 36V-G	2	5 ~ 36	5.1 ~ 15	SOT23-3
CEBS035V0-G ~ 36V-G	4	5 ~ 36	5.1 ~ 15	SOT23-6
CECS035V0-G ~ 36V-G	5	5 ~ 36	5.1 ~ 15	SOT23-6
CEDS035V0-G ~ 36V-G	4	5 ~ 36	5.1 ~ 15	SOT23-5
CEGS035V0-G ~ 36V-G	1	5 ~ 36	5.1 ~ 15	SOT-143
CEEN085V0-G ~ 24V-G	4	5 ~ 24	5.1 ~ 15	NSOIC-8
CEEN145V0-G ~ 24V-G	7	5 ~ 24	5.1 ~ 15	NSOIC-14
CEEN165V0-G ~ 24V-G	8	5 ~ 24	5.1 ~ 15	NSOIC-16
CEEQ165V0-G ~ 24V-G	8	5 ~ 24	5.1 ~ 15	QSOP-16
CEEW165V0-G ~ 24V-G	8	5 ~ 24	5.1 ~ 15	WSOIC-16
CEEW205V0-G ~ 24V-G	10	5 ~ 24	5.1 ~ 15	WSOIC-20
CEFN085V0-G ~ 24V-G	7	5 ~ 24	5.1 ~ 15	NSOIC-8
CEFN145V0-G ~ 24V-G	13	5 ~ 24	5.1 ~ 15	NSOIC-14
CEFN165V0-G ~ 24V-G	15	5 ~ 24	5.1 ~ 15	NSOIC-16
CEFQ165V0-G ~ 24V-G	15	5 ~ 24	5.1 ~ 15	QSOP-16
CEFW165V0-G ~ 24V-G	15	5 ~ 24	5.1 ~ 15	WSOIC-16
CEFW205V0-G ~ 24V-G	19	5 ~ 24	5.1 ~ 15	WSOIC-20

◆ TVS Array

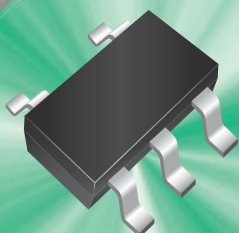
Part Number	P _{ppm} (Watts)	V _R (V)	Case
CTAN145V0-G ~ 36V-G	300	5 ~ 36	SOIC-14
CTBN145V0-G ~ 36V-G	300	5 ~ 36	SOIC-8
CTCN145V0-G ~ 36V-G	300	5 ~ 36	SOIC-8
CTDN145V0-G ~ 36V-G	300	5 ~ 36	SOT-623
CTEN145V0-G ~ 36V-G	300	5 ~ 36	SOT-23



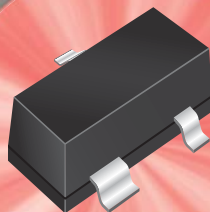
SOD-523F



NSOIC-8



SOT23-5



SOT-143

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