

BOURNS TVS Diodes and Arrays

RoHS Compliant This product is RoHS compliant.



STEERING/TVS DIODE ARRAYS

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Features:

- Lead free as standard
- ESD protection >25kV
- Protects Vcc and two data lines
- IEC 61000-4-2 (ESD)
- IEC 61000-4-4 (EFT)

Applications:

- Ethernet-10/100/1000 Base T
- Firewire and USB
- Portable electronics
- Video/graphic cards

Features:

- Lead free as standard
- ESD protection
- Protects two lines
- IEC 61000-4-2 (ESD)
- IEC 61000-4-4 (EFT)

Applications:

- Ethernet-10/100/1000 Base T
- Firewire and USB
- Portable electronics
- Video/graphic cards

Features:

- Lead free as standard
- ESD protection
- Protects two lines
- Low capacitance 3 pF
- IEC 61000-4-2
- Low leakage current <1 μA

Applications:

- Cell phones
- Desktops
- Laptops & Notebooks
- Portable electronics

Features:

- Lead free device
- Protects 4 lines
- ESD protection
- Low capacitance 3.5 pF
- IEC 61000-4-2
- IEC 61000-4-4

Applications:

- Ethernet-10/100/1000 Base T
- Cellular phones
- Video/graphic cards
- USB 2.0 interface
- DVI interface

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Bourns Part No.	Fig.	Cap pF	Leakage Current	Work Voltage	Data Lines	Package Type	Price Each				Reel Qty.	Price Per Piece
								1	100	500	1500		
652-CD143A-SR05	CD143A-SR05	A1	10	5	5	2	SOT143					3000	
652-CD143A-SR12	CD143A-SR12	A1	10	1	12	-	SOT143					3000	
652-CD143A-SR2.8	CD143A-SR2.8	A2	4.5	1	2.8	-	SOT143					3000	
652-CD143A-SR3.3	CD143A-SR3.3	A2	4.5	1	3.3	-	SOT143					3000	
652-CD143A-SR70	CD143A-SR70	A3	3	1	-	2	SOT143					3000	
652-CDSOT23-SRV05-4	CDSOT23-SRV05-4	B4	3.5	5	5	-	SOT23					3000	

STEERING TVS DIODE ARRAY SERIES - BIDIRECTIONAL

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Features:

- Lead free as standard
- Low clamping voltage
- Bidirectional ESD protection
- Protects 2 lines
- IEC 61000-4-2 (ESD)
- IEC 61000-4-4 (EFT)

Applications:

- Computer interface protection
- Microprocessor protection
- Power lines on PCB protection
- Control signal lines protection
- Latchup protection

Features:

- Low capacitance-2.5 pF
- ESD protection
- Surge protection
- IEC 61000-4-2 (ESD)
- IEC 61000-4-4 (EFT)
- IEC 61000-4-5 (Surge)

Applications:

- Personal Digital Assistants (PDAs)
- Mobile phones & accessories
- Memory card protection
- SIM card port protection
- Portable electronics

Features:

- Working peak reverse voltage 7 V or 12 V
- ESD protection >40 kV
- Surge protection
- IEC 61000-4-2 (ESD)
- IEC 61000-4-4 (EFT)
- IEC 61000-4-5 (Surge)

Applications:

- Wireless systems
- Network protection
- Portable electronics

Features:

- Bidirectional TVS 3.3 V
- Low capacitance-23 pF
- ESD protection >25 kV
- Fits 0402 footprint
- IEC 61000-4-2 (ESD)
- IEC 61000-4-4 (EFT)
- IEC 61000-4-5 (Surge)

Applications:

- Computers & peripherals
- Communication systems
- Audio & video equipment
- Portable instrumentation

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MOUSER STOCK NO.	Bourns Part No.	Fig.	Cap pF	Leakage Current	Working Voltage	Data Lines	Package Type	Price Each				Reel Qty.	Price Per Piece
								1	100	500	1000		
652-CDSOT23-0502B	CDSOT23-0502B	A1	15	2.5	5	2	SOT23					3000	
652-CDSOT23-SLVU2.8	CDSOT23-SLVU2.8	A2	2.5	1	2.8	-	SOT23					3000	
652-CDSOT23-SM712	CDSOT23-SM712	A3	75	1	7.5/13.3	-	SOT23					3000	
652-CDDFN2-T3.3C	CDDFN2-T3.3C	B4	23	0.5	3.3	-	DFN-2					5000	
652-CDDFN2-T5.0C	CDDFN2-T5.0C	B4	23	0.5	5	-	DFN-2					5000	
652-CDSOD323-T03SC	CDSOD323-T03SC	C5	200	125	3.3	-	SOD323					3000	
652-CDSOD323-T05SC	CDSOD323-T05SC	C5	175	10	5	-	SOD323					3000	
652-CDSOD323-T03LC	CDSOD323-T03LC	C5	0.6	5	3.3	-	SOD323					3000	
652-CDSOD323-T05LC	CDSOD323-T05LC	C5	0.6	5	5	-	SOD323					3000	
652-CD0603-T05C	CD0603-T05C	D6	15	2	5	-	0603					4000	
652-CD1005-T05C	CD1005-T05C	D6	15	2	5	-	1005					4000	
652-CDWBS16-PLC01-6	CDWBS16-PLC01-6	E7	6	25	6	1	SOIC16					1000	