

BOURNS TVS Diodes and Arrays

RoHS Compliant This product is RoHS compliant.

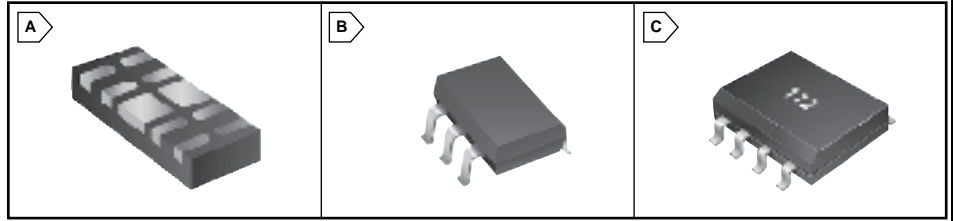


SMD TVS DIODE ARRAYS

Bourns Chip Diodes conform to JEDEC standards, are easy to handle with standard pick and place equipment and their flat configuration minimizes roll away.



RoHS Compliant



Schematics

<p>1</p> <p>Features:</p> <ul style="list-style-type: none"> Low Capacitance-0.5 pF ESD protection >15kV IEC 61000-4-2 (ESD) Protects 4 datalines <p>Applications:</p> <ul style="list-style-type: none"> HDMI 1.3 Digital Visual Interface (DVI) USB 2.0 up to 480 Mb/s IEEE 1394 up to 3.2 Gb/s Portable electronics 	<p>2</p> <p>Features:</p> <ul style="list-style-type: none"> Low Capacitance-0.55 pF ESD protection >15kV IEC 61000-4-2 (ESD) IEC 61000-4-4 (EFT) <p>Applications:</p> <ul style="list-style-type: none"> HDMI 1.3 PDA's and notebooks Consumer electronics Display port interface USB 2.0 up to 480 Mb/s 	<p>3</p> <p>Features:</p> <ul style="list-style-type: none"> Low leakage current Low Capacitance-9 pF ESD protection >40kV IEC 61000-4-2 (ESD) IEC 61000-4-4 (EFT) <p>Applications:</p> <ul style="list-style-type: none"> Computer notebooks Cellular phones Personal Digital Assistants (PDAs) Video equipment 	<p>4</p> <p>Features:</p> <ul style="list-style-type: none"> Low Capacitance-1 pF ESD protection >15kV Protects 4 I/O and V_{DD} line IEC 61000-4-2 (ESD) IEC 61000-4-4 (EFT) <p>Applications:</p> <ul style="list-style-type: none"> HDMI 1.3 version PDA's and notebooks Consumer electronics Display port interface USB 2.0 up to 480 Mb/s
<p>5</p> <p>Features:</p> <ul style="list-style-type: none"> Lead free as standard Low capacitance-1.3 pF ESD protection >25 kV Surge protection IEC 61000-4-2 (ESD) IEC 61000-4-4 (EFT) <p>Applications:</p> <ul style="list-style-type: none"> Personal Digital Assistants (PDAs) Notebook and PC computers Memory card protection SIM card port protection Portable electronics 	<p>6</p> <p>Features:</p> <ul style="list-style-type: none"> Lead free as standard Low capacitance-2 pF ESD protection >15 kV IEC 61000-4-2 (ESD) IEC 61000-4-4 (EFT) <p>Applications:</p> <ul style="list-style-type: none"> Personal Digital Assistants (PDAs) Mobile Phones and Accessories Portable electronics ADSL/VDSL cards 	<p>7</p> <p>Features:</p> <ul style="list-style-type: none"> 4 unidirectional ESD protections Low capacitance Surge protection IEC 61000-4-2 (ESD) IEC 61000-4-4 (EFT) <p>Applications:</p> <ul style="list-style-type: none"> High speed data ports Mobile phones and Accessories Video/graphics cards Set top boxes Communication systems 	<p>8</p> <p>Features:</p> <ul style="list-style-type: none"> Lead free device ESD protection >40 kV Protects 6 lines Low capacitance-5 pF IEC 61000-4-2 (ESD) IEC 61000-4-4 (EFT) <p>Applications:</p> <ul style="list-style-type: none"> Ethernet ports Portable electronics Wireless LANs USB interface
<p>9</p> <p>Features:</p> <ul style="list-style-type: none"> Lead free device Telecordia GR1089 (Intra-Building) Protects 2 lines ESD protection >40 kV Low capacitance 8 pF <p>Applications:</p> <ul style="list-style-type: none"> T1/E1 line cards ISDN U-Interface and S/T Interface xDSL Ethernet-10/100 Base T 	<p>10</p> <p>Features:</p> <ul style="list-style-type: none"> Lead free as standard Telecordia GR1089 (Intra-Building) Protects 2 lines ESD protection >40 kV Low capacitance 6 pF <p>Applications:</p> <ul style="list-style-type: none"> T1/E1 & T3/E3 line cards ISDN U-Interface and S/T Interface xDSL Ethernet-10/100 Base T 	<p>11</p> <p>Features:</p> <ul style="list-style-type: none"> Protects up to 4 I/O ports Surge protection ESD protection Low capacitance 6 pF <p>Applications:</p> <ul style="list-style-type: none"> Ethernet-10/100/1000 Base T Personal digital assistant LAN devices Instrumentation 	<p>12</p> <p>Features:</p> <ul style="list-style-type: none"> Lead free as standard Protects up to 4 I/O ports Unidirectional configuration ESD protection > 40 kV Low capacitance 15 pF <p>Applications:</p> <ul style="list-style-type: none"> Ethernet-10/100 Base T Computer I/O ports-SCSI, Firewire & USB Set-top box protection Video cards
<p>13</p> <p>Features:</p> <ul style="list-style-type: none"> Lead free device Protects up to 4 I/O ports Bidirectional configuration ESD protection Low capacitance 6 pF <p>Applications:</p> <ul style="list-style-type: none"> Ethernet-10/100/1000 Base T Personal digital assistant Handheld electronics Cellular phones Video cards 	<p>14</p> <p>Features:</p> <ul style="list-style-type: none"> Lead free as standard Protects up to 4 I/O ports Unidirectional configuration ESD protection >40 kV Low capacitance 15 pF <p>Applications:</p> <ul style="list-style-type: none"> Ethernet-10/100 Base T Computer I/O ports-SCSI, Firewire & USB Set-top box protection Video cards 		

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Bourns Part No.	Fig.	Cap pF	Channel max.	Working Voltage	Data Lines	Package Type	Price Each				Reel Qty.	Price Per Piece
								1	100	500	1000		
652-CDDFN10-0524P	CDDFN10-0524P	A1	0.5	1.5	6	4	DFN-10					3000	
652-CDSOT236-0504LC	CDSOT236-0504LC	B2	0.55	1	6	4	SOT23-6					3000	
652-CDSOT236-0504C	CDSOT236-0504C	B3	1	1	6	4	SOT23-6					3000	
652-CDSOT963-T05C	CDSOT963-T05C	B4	9	-	5	4	SOT963					4000	
652-CDSC706-0504C	CDSC706-0504C	B5	1.3	1.6	6	4	SC70-6L					3000	
652-CDSOT563-0502	CDSOT563-0502	B6	2	0.65	5	4	SOT563					3000	
652-CDSOT353-T05	CDSOT353-T05	B7	9.5	-	5	4	SOT353					3000	
652-CDNBS08-SR112	CDNBS08-SR112	C8	5	-	1.3	6	SO-8					3000	
652-CDNBS08-PLC03-3.3	CDNBS08-PLC03-3.3	C9	8	-	3	2	NBS08					2500	
652-CDNBS08-PLC03-6	CDNBS08-PLC03-6	C10	6	-	6	-	SOIC8					2500	
652-CDNBS08SLVU2.8-4	CDNBS08SLVU2.8-4	C11	6	1	2.8	-	SOIC8					2500	
652-CDNBS08SLVU2.8-8	CDNBS08SLVU2.8-8	C12	6	1	2.8	8	SOIC8					2500	
652-CDNBS08-SRDA05-4	CDNBS08-SRDA05-4	C13	15	-	3.3	4	SOIC8					2500	
652-CDNBS08SRDA3.3-4	CDNBS08SRDA3.3-4	C14	15	20	5	4	SOIC8					2500	