

BOURNS TVS Diodes and Arrays

RoHS Compliant This product is RoHS compliant.

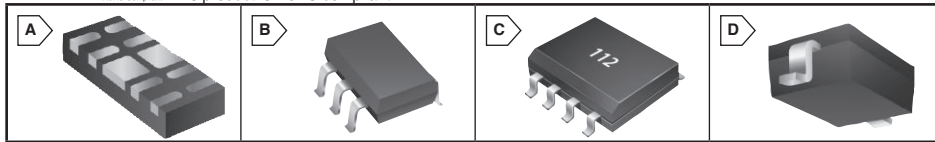
SMD TVS DIODE ARRAYS

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

- IEC 61000-4-4 (EFT)
- IEC 61000-4-2 (ESD)



RoHS Compliant



Schematics

<p>1</p> <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 3.2Gb/s • Portable electronics 	<p>2</p> <p>Applications:</p> <ul style="list-style-type: none"> • HDMI 1.3 • PDAs and notebooks • Consumer electronics • Display port interface • USB 2.0 up to 480Mb/s 	<p>3</p> <p>Applications:</p> <ul style="list-style-type: none"> • Computer notebooks • Cellular phones • Personal Digital Assistants (PDAs) • Video equipment 	
<p>4</p> <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>5</p> <p>Applications:</p> <ul style="list-style-type: none"> • Personal Digital Assistants (PDAs) • Mobile Phones and Accessories • Portable electronics • ADSL/VDSL cards 	<p>6</p> <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>7</p> <p>Features:</p> <ul style="list-style-type: none"> • Telecordia GR1089 (Intra-Building) • ESD protection >40kV <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>8</p> <p>Features:</p> <ul style="list-style-type: none"> • Telecordia GR1089 (intra-Building) • ESD protection >40kV <p>Applications:</p> <ul style="list-style-type: none"> • T1/E1 and T3/E3 line cards • ISDN U-Interface and S/T Interface • xDSL • Ethernet-10/100 Base T 	<p>9</p> <p>Features:</p> <ul style="list-style-type: none"> • Protects up to 4 I/O ports • Surge protection • ESD protection <p>Applications:</p> <ul style="list-style-type: none"> • Ethernet-10/100/1000 Base T • Personal digital assistant • LAN devices • Instrumentation 	
<p>10</p> <p>Features:</p> <ul style="list-style-type: none"> • Protects up to 4 I/O ports • ESD protection > 40kV <p>Applications:</p> <ul style="list-style-type: none"> • Ethernet-10/100 Base T • Computer I/O ports • SCSI, Firewire and USB • Set-top box protection • Video cards 	<p>11</p> <p>Features:</p> <ul style="list-style-type: none"> • Protects up to 4 I/O ports • ESD protection <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>12</p> <p>Features:</p> <ul style="list-style-type: none"> • Protects up to 4 I/O ports • ESD protection >40kV <p>Applications:</p> <ul style="list-style-type: none"> • Ethernet-10/100 Base T • Computer I/O ports-SCSI, Firewire and USB • Set-top box protection • Video cards 	<p>13</p> <p>Features:</p> <ul style="list-style-type: none"> • Protects 1 line or 1 I/O port • ESD protection >40kV • Low capacitance ~3 pF typical • Replaces 0805 MLV devices <p>Applications:</p> <ul style="list-style-type: none"> • Cell phones • PDAs and notebooks • Digital cameras • MP3 players and GPS • USB interface

PRODUCT NEW

MOUSER STOCK NO.	Fig.	Cap pF	Working Voltage	Polarity	Package Type	Price Each				Reel Quantity	Price Per Piece
						1	100	500	1000		
652-CDDFN10-0524P	A1	0.5	6	Unidirectional	DFN-10	1.23	.88	.81	.77	3000	.70
652-CDSOT236-0504LC	B2	0.55	6	Bidirectional	SOT23-6	1.58	1.13	1.01	.90	3000	.81
652-CDSOT236-0504C	B3	1	6	Bidirectional	SOT23-6	1.58	1.13	1.01	.90	3000	.81
652-CDSC706-0504C	B4	1.3	6	Bidirectional	SC70-6L	1.23	.88	.79	.70	3000	.63
652-CDSOT563-0502	B5	2	5	Unidirectional	SOT563	.93	.67	.56	.43	3000	.40
652-CDSOT353-T05	B6	1	5	Unidirectional	SOT353	.67	.48	.43	.38	3000	.34
652-CDNBS08PLC03-3.3	C7	8	3	Unidirectional	NBS08	2.70	1.95	1.74	1.70	2500	1.62
652-CDNBS08-PLC03-6	C8	6	6	Unidirectional	SOIC8	2.00	1.62	1.57	1.55	2500	1.52
652-CDNBS08SLVU2.8-4	C9	6	2.8	Unidirectional	SOIC8	2.04	1.03	.92	.87	2500	.84
652-CDNBS08SLVU2.8-8	C10	6	2.8	Unidirectional	SOIC8	3.60	1.95	1.74	1.72	2500	1.68
652-CDNBS08-SRDA05-4	C11	15	3.3	Unidirectional	SOIC8	2.04	.98	.92	.87	2500	.84
652-CDNBS08SRDA3.3-4	C12	15	5	Unidirectional	SOIC8	2.04	.98	.92	.87	2500	.84
652-CDSOD323-T03C	D13	3	3.3	Bidirectional	SOD-323	.58	.44	.40	.38	3000	.36
652-CDSOD323-T05	D13	3	5.0	Unidirectional	SOD-323	.55	.42	.38	.36	3000	.34
652-CDSOD323-T05C	D13	3	5.0	Bidirectional	SOD-323	.58	.44	.40	.38	3000	.36
652-CDSOD323-T08	D13	3	8.0	Unidirectional	SOD-323	.55	.42	.38	.36	3000	.34
652-CDSOD323-T08C	D13	3	8.0	Bidirectional	SOD-323	.58	.44	.40	.38	3000	.36
652-CDSOD323-T12C	D13	3	12.0	Bidirectional	SOD-323	.58	.44	.40	.38	3000	.36
652-CDSOD323T12CDSL	D13	3	12	Bidirectional	SOD-323	.58	.44	.40	.38	3000	.30
652-CDSOD323-T15	D13	3	15.0	Unidirectional	SOD-323	.55	.42	.38	.36	3000	.34
652-CDSOD323-T15C	D13	3	15.0	Bidirectional	SOD-323	.58	.44	.40	.38	3000	.36
652-CDSOD323-T18	D13	3	18.0	Unidirectional	SOD-323	.55	.42	.38	.36	3000	.34
652-CDSOD323-T18C	D13	3	18.0	Bidirectional	SOD-323	.58	.44	.40	.38	3000	.36
652-CDSOD323-T24	D13	3	24.0	Unidirectional	SOD-323	.55	.42	.38	.36	3000	.34
652-CDSOD323-T24C	D13	3	24.0	Bidirectional	SOD-323	.58	.44	.40	.38	3000	.36
652-CDSOD323T24CDSL	D13	3	24	Bidirectional	SOD-323	.58	.44	.40	.38	3000	.30

PTVS SERIES HIGH CURRENT TVS DIODES

- Features:**
- Low clamping voltage under surge
 - 1 Channel

- Applications:**
- AC line protection
 - High power DC bus protection

PRODUCT NEW

MOUSER STOCK NO.	Fig.	Cap pF	Working Voltage	Polarity	Package Type	Price Each				
						1	10	50	100	500
652-PTVS3-380C	A1	0.7nF	380	Bidirectional	3	50.00	46.25	42.50	39.37	36.25
652-PTVS3-430C	A1	0.6nF	430	Bidirectional	3	50.00	46.25	42.50	39.37	36.25
652-PTVS6-380C	A1	1.1nF	380	Bidirectional	6	90.00	83.25	76.50	70.87	65.25
652-PTVS6-430C	A1	1nF	430	Bidirectional	6	90.00	83.25	76.50	70.87	65.25
652-PTVS10-058C	A2	11.7nF	58	Bidirectional	10	35.00	32.37	29.75	27.56	25.37
652-PTVS10-076C	A2	8.6nF	76	Bidirectional	10	36.00	33.30	30.60	28.35	26.10
652-PTVS10-170C	A3	4nF	170	Bidirectional	10	90.00	83.25	76.50	70.87	65.25
652-PTVS10-320C	A3	2.7nF	320	Bidirectional	10	160.00	148.00	136.00	126.00	116.00
652-PTVS10-380C	A3	2nF	380	Bidirectional	10	160.00	148.00	136.00	126.00	116.00
652-PTVS10-470C	A3	1.7nF	470	Bidirectional	10	160.00	148.00	136.00	126.00	116.00