

PC BOARD PROTECTION

Application	Type	Description	Package
5V power supply protection	1N5908 SM5908	Transil 1.5KW 5V low clamping voltage Transil 1.5KW 5V low clamping voltage	CB429 SOD15
3V power supply protection	SMLVT3V3	Transil 600W low clamping voltage	SOD6
Sensitive ICV protection	SM4Txx P6KExx SM6Txx 1.5KExx SM15Txx	Transil 400W Transil 600W Transil 600W Transil 1500W Transil 1500W	SOD6 CB417 SOD6 CB429 SOD15

TRANSIL ARRAYS FOR DATA LINE INTERFACE PROTECTION

Protection against electrical overstress (EOS)

Application	Type	Description	Package
RS232 $V_{IN/OUT} = \pm 12V$	ITA25B1 ITA25B3	Transil array 25V, 4 bidirectional devices Transil array 25V, 8 bidirectional devices	SO8 SO20
RS422/485 $V_{IN/OUT} = \pm 6V$	ITA10B1 ITA10B3 ITA10B4	Transil array 10V, 4 bidirectional devices Transil array 10V, 8 bidirectional devices Transil array 10V, 8 bidirectional devices	SO8 SO20 DIL20
RS423 $V_{IN/OUT} = 0/6V$	ITA6V1U1 ITA6V1U3	Transil array 6.1V, 6 unidirectional devices Transil array 6.1V, 8 unidirectional devices	SO8 SO20
Centronics	ITA6V1M3	Transil array 6.1V, 18 unidirectional devices	SO20

TRANSIL ARRAYS FOR DATA LINE INTERFACE PROTECTION

Protection against electrostatic Discharges (ESD)

Application	Type	Description	Package
RS232	ESDA25B1 ESDA25DB3	ESD array 25V, 6 bidirectional devices ESD array 25V, 18 bidirectional devices	SO8 SO20
RS423	ESDA6V1U1	ESD array 6.1V, 6 unidirectional devices	SO8
Centronics	ESDA6V1S3	ESD array 6.1V, 18 unidirectional devices	SO20

DIODE ARRAYS FOR DATA LINE INTERFACE PROTECTION

Application	Type	Description	Package
ISDN-S interface	DA108S1	Diode array for 4 lines	SO8
Data lines	DA112S1	Diode array for 6 lines	SO8