

PROTEK DEVICES PHSxxx/C Series



High Powered Surge Protection TVS Array

The PHSxxx/C Series are transient voltage suppressor arrays, designed for ESD protection of SMART phones, laptop computers and other portable electronics. These silicon-based diodes offer superior clamping voltage and performance compared to other technologies such as MLVs. The PHSxxx/C series can be utilized as a single line protector in either a bidirectional or unidirectional configuration. The DFN-2 package is similar in size to a SOD-523 and gives the flexibility of placement on the printed circuit board for each IO port or voltage bus. The PHSxxx/C Series meets IEC 61000-4-2 (ESD), IEC 61000-4-4 (EFT) and IEC 61000-4-5 (Surge) requirements waveshape.

FEATURES

- Compatible with IEC 61000-4-2 (ESD): Air $\pm 15\text{kV}$, Contact $\pm 8\text{kV}$
- Compatible with IEC 61000-4-4 (EFT): 40A - 5/50ns
- Compatible with IEC 61000-4-5 (Surge): 24A, 8/20 μs Level 2 (Line-Gnd) and Level 3 (Line-Line)
- Unidirectional: 500 Watts Peak Pulse Power per Line (tp = 8/20 μs)
- Bidirectional: 400 Watts Peak Pulse Power per Line (tp = 8/20 μs)
- Protects One PPower or I/O Port
- ESD Protection > 25kV
- Low Clamping Voltage
- Available in Multiple Voltages: 3V - 36V
- REACH Compliant

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PROTEK DEVICES PSLIC1



SLIC Protector

The PSLIC1 is a programmable transient voltage protector, designed to protect Subscriber Line Interface Circuit (SLIC) cards for xDSL communication ports. The device can be set referenced to -VBAT, through the gate to trigger the thyristor on negative transients, while the other two diodes act as clippers for positive overloads in the circuit. PSLIC1 is configured to ensure reliable protection, eliminating the overvoltage transients introduced by the parasitic inductance of the wiring, in particular for very fast transients. The device is available in an SOIC-8 package.

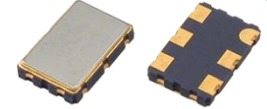
FEATURES

- Dual Programmable Transient Suppressor
- Wide Negative Firing Voltage Range: VGKRM @ -167V Max
- Low Dynamic Switching Voltage: VFRM & V GK(BD)
- Low Gate Trigger Current: IGT @ 5mA Max
- Peak Pulse Current: IPP @ 30A for 10/1000 μs Surge
- Holding Current: IH @ 150mA Min
- RoHS Compliant
- REACH Compliant

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Please contact us for inquiries, samples or technical requests.

Golledge - GXO-L76J



2.5V UHF Oscillator with LVDS output and enable/disable tristate output and enable/disable tristate function

FEATURES

- Frequency: 10.0 ~ 1500.00MHz
- Dimension: 7.5 x 5.0 x 1.5mm
- Power supply voltage: +2.5V ($\pm 5\%$)
- Storage temperature range: -55 to +125°C
- Rise and Fall Time: 1.0ns max (20 ~ 80%V_{p-p})
- Output details
 - LVDS
 - 10ms max

Packaging:

- tape and reel or bulk
- 2'000 pcs / reel

INFORMATION

- LVDS output
- Wide frequency range
- Enable / disable tristate function
- Short lead times

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