

## PROTEK DEVICES PAM18DF2L0621



### ULTRA LOW CAPACITANCE TVS ARRAY

The PAM18DF2L0621 is an ultra low capacitance transient voltage suppressor array, designed to protect automotive computing applications from the damaging effects of Electrostatic Discharge and Electrical Fast Transients.

The PAM18DF2L0621 meets IEC 61000-4-2 (ESD) and IEC 61000-4-4 (EFT) requirements. At higher operating frequencies or faster edge rates, insertion loss and signal integrity are a major concern. This device offers an ultra low capacitance and low leakage current in a miniature DFN-2-0402 package.

### APPLICATIONS

- Automotive

### FEATURES

- EC-Q101 Qualified
- Meets or Exceeds IEC 61000-4-2 (ESD): Air 15kV, Contact 8kV
- Compatible with IEC 61000-4-4 (EFT)
- Compatible with IEC 61000-4-5 (Surge)
- 80 Watts Peak Pulse Power per Line (tp = 8/20µs)
- ESD Protection
- Low Clamping Voltage
- Protects One Bidirectional Line
- Ultra Low Capacitance: 0.4 pF (Typical)
- RoHS Compliant
- REACH Compliant

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Please contact us for inquiries, samples or technical requests.

## PROTEK DEVICES PLC03-3.3V



### HIGH POWER LOW CAPACITANCE TVS ARRAY

The PLC03-3.3V is a low capacitance, high powered TVS array available in a SO-8 package. This device is designed to protect high speed data line applications from the damaging effects of ESD, EFT and secondary transient threats.

### APPLICATIONS

- T1/E1 Line Cards
- ISDN U-Interfaces & ISDN S/T Interfaces
- xDSL Interfaces
- Ethernet 10/100/1000 Base T
- Set Top Box Interface

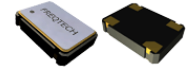
### FEATURES

- Compatible with IEC 61000-4-2 (ESD): Air ±15kV, Contact ±8kV
- Compatible with IEC 61000-4-4 (EFT)
- Compatible with IEC 61000-4-5 (Surge): 150A
- 200A (2/10µs) per Bellcore GR1089 (Intra-Building)
- ESD Protection > 25 kilovolts
- 3300 Watts Peak Pulse Power per Line (tp = 8/20µs)
- Low Capacitance: 8pF Typical
- Telecom/Diode Bridge
- RoHS Compliant
- REACH Compliant

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## FREQTECH Oscillator - FT3B



### FEATURES

- Frequency 1 ~ 125 MHz
- Dimension 7 x 5 x 1.7 mm
- Power supply voltage 3.3 V
- operating temperature range
  - standard, code 27 // -20°C~70°C
  - available, code 48 // -40°C~85°C
- frequency stability
  - standard @-20°C~70°C // ±50 ppm
  - standard @-40°C~85°C // ±100 ppm
  - available // ±20 ppm ~ ±100 ppm
- Output load condition CMOS standard 15pF
  - available 15 pF / 30 pF / 50pF
- Packaging 1'000 pcs / reel
- RoHS

### INFORMATION

- identical alternative to JAUCH VX3 Serie

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