

# SLIC Protection

## ITU-T Solution

### Solution Products



TISP9110LDMR-S



CMF-SDP50A-2

### Objective

The SLIC (Subscriber Line Interface Circuit) provides all the BORSCHT functions such as battery, ringing and supervision between the codec and telephone handset. This PortNote® solution protects SLIC interfaces against surge and power contact threats.

### Solution

1 Thyristor: TISP9110LDMR-S  
1 PTC: CMF-SDP50A-2

### Compliance

ITU-T Basic for K.20, K.21, K.45

### Alternate Recommendations

Other PortNote® Solutions:

- Negative Battery Voltage SLIC Protection - ITU-T Solution
- Negative Battery Voltage SLIC Protection - GR-1089-CORE Intra-building Solution
- SLIC Protection - GR-1089-CORE Intra-building Solution

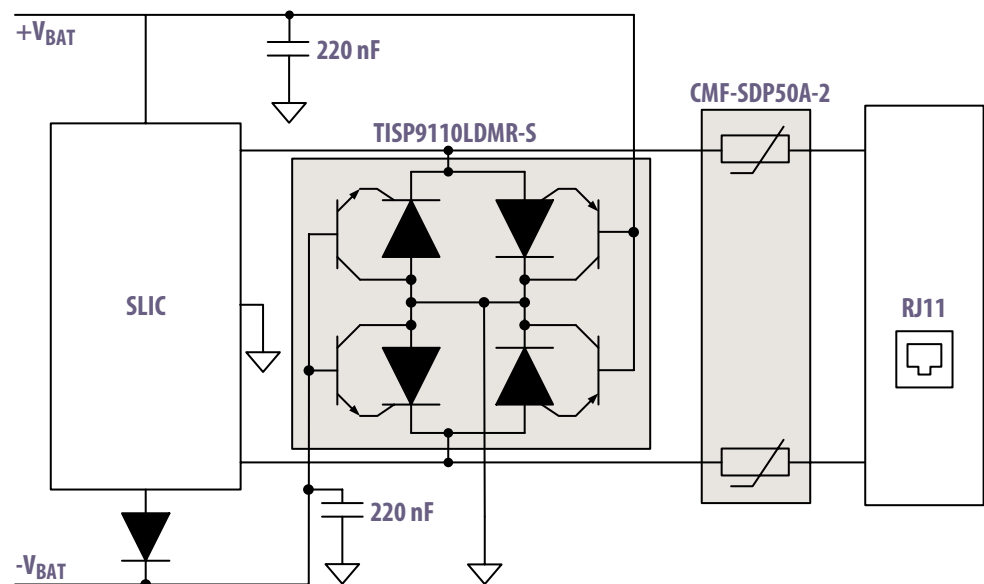
### Benefit

This solution provides a high level of protection in dual voltage ringing SLICs.

### Design Kit



PN-DESIGNKIT-39



The schematic above illustrates the application protection and does not constitute the complete circuit design. Customers should verify actual device performance in their specific applications.