



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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RJ11 SLIC Protection

GR-1089-CORE Dual Supply Voltage

Solution Products



TISP8200HDMR-S



TISP8201HDMR-S



B1250T

Design Kit



PN-DESIGNKIT 7

Objective

The SLIC telephone interface supplies battery power, provides dialtone, and generates ringing voltage. This solution protects dual supply voltage SLIC interfaces against surge and power contact threats.

Solution

- 1 Thyristor: TISP8200HDMR-S
- 1 Thyristor: TISP8201HDMR-S
- 2 Telecom Fuses: B1250T

Compliance

GR-1089-CORE, Section 4, Port Types 1, 3, 5

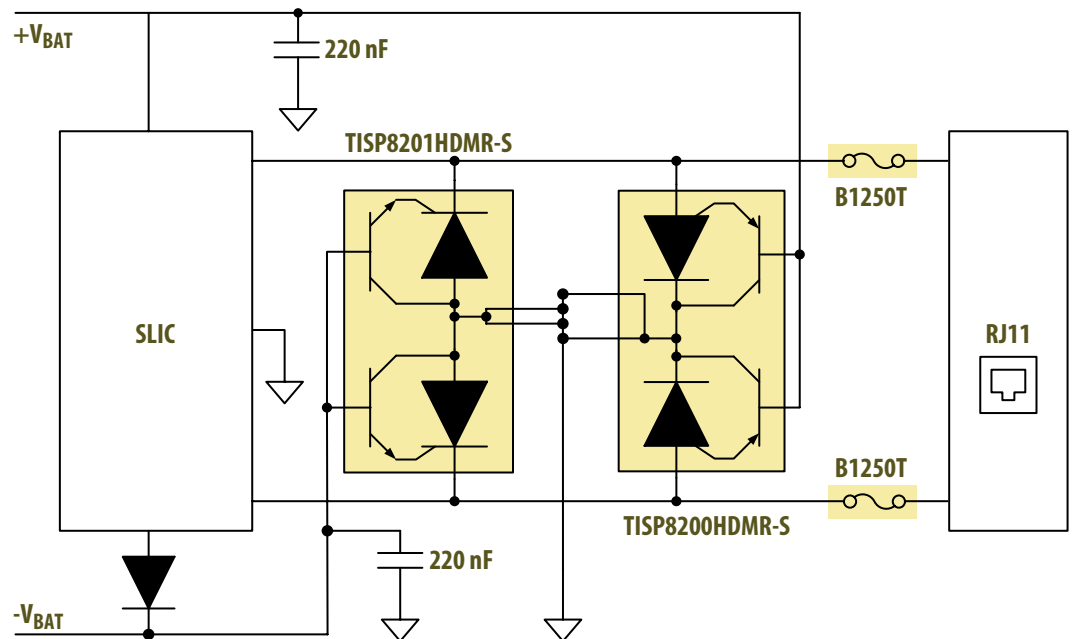
Alternate Recommendations

Other PortNote® Solutions:

- RJ11 SLIC Protection: GR-1089-CORE Negative Voltage Tracking
- RJ11 SLIC Protection: ITU-T Negative Voltage Tracking
- RJ11 SLIC Protection: ITU-T Dual Supply Voltage

Benefit

This solution provides a high level of protection in a small amount of PCB area.



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.