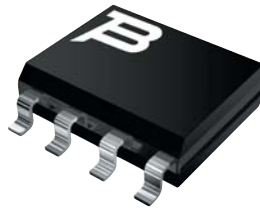


Featured Products Bulletin

TISP® THYRISTOR SURGE PROTECTORS



Bourns Expands Product Line with TISP61089QB Overvoltage Protector

- Reduces PCB Area and BOM Part Count for SLIC Protection -

Riverside, California - February 7, 2011 - Bourns® Semiconductor Product Group announces the addition of a new quad forward-conducting buffered p-gate overvoltage protector to the current portfolio of overvoltage protection products for SLIC (Subscriber Line Interface Circuit) protection. The Bourns® **TISP61089QB** device is designed to protect two monolithic SLICs against voltages on the telephone line caused by lightning, a.c. power contact and induction. Model TISP61089QB limits voltages that exceed the SLIC supply rail voltage. The TISP61089QB is specified to allow equipment compliance with Telcordia GR-1089-CORE, ITU-T K.20, K.21 and K.45 and YD/T-950. For low exposure intra-building applications where space is at a premium, a TISP61089QB protector can replace 2 x TISP61089B and still meet impulse requirements.

Features:

- Quad voltage-programmable protector
- Wide -20 V to -155 V programming range
- Low 5 mA maximum gate triggering current
- High 150 mA minimum holding current
- Meets industry standards
- RoHS* compliant

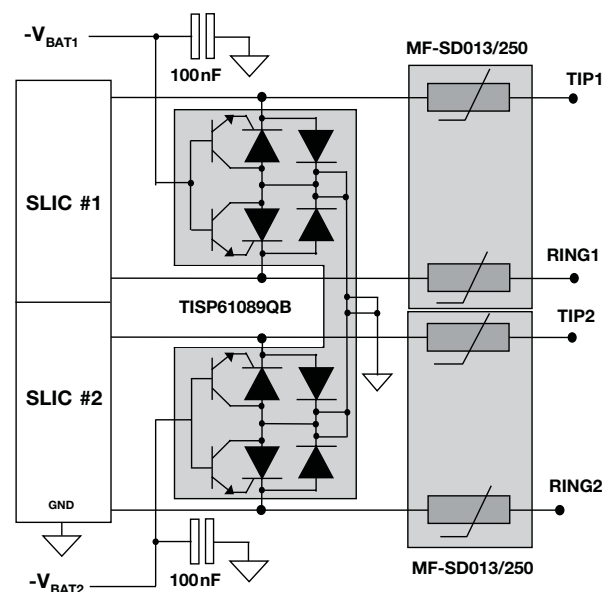
Benefits:

- Smaller PCB area
- Simple layout
- Reduced BOM part count
- Lower manufacturing pick-and-place cost

Applications:

- SLIC card protection VoIP in customer premises, access and central office locations
- FXS ports on EPON, GPON or xDSL CPE equipment

Application Example



For further information, please contact [your local Bourns representative](#) or [Bourns Customer Service](#).