

Power Matters

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SM8LC05e3/TR7 (#297441)

Low Capacitance TVS Array

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Description :

This TRANSIENT VOLTAGE SUPPRESSOR (TVS) array is packaged in an SO-8 configuration giving protection to 2 Bidirectional data or interface lines. It is designed for use in applications where protections required at the board level from voltage transients caused by electrostatic discharge (ESD) as defined in IEC 1000-4-2, electrical fast transients (EFT) per IEC 1000-4-4 and effects of secondary lighting. These TVS arrays have a peak power rating of 500 watts for an 8/20μsec pulse. This array is suitable for protection of sensitive circuitry consisting of TTL, CMOS DRAM's, SRAM's, HCMOS, HSIC microprocessors, and I/O transceivers. The SM8LCXX product provides board level protection from static electricity and other induced voltage surges that can damage sensitive circuitry.

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