



TSC 2011

Zero Crossing Detector/Timer Module

KEY FEATURES

- 100 Femtosecond Resolution
- 1 - 20 MHz

The TSC 2011 is used in Symmetricom's Multi-Channel Measurement System. This unit accepts up to four clock inputs and one offset reference input. All four inputs must be at the same nominal frequency. A green LED next to each SMA input connector indicates when the signal level is in the optimum range of 10 to 16 dBm. (Requires Symmetricom TSC 2049, TSC 2048B and TSC 2077E to function.)

Please contact Symmetricom with any specific requirements.



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TSC 2011 Specifications

ELECTRICAL SPECIFICATIONS

- Internal inputs (2 each)
 - Offset reference: Generated from TSC 2048B
 - 32 MHz: Generated from TSC 2049
- External inputs (4 each)
 - Frequency: 1 - 20 MHz
 - Input level: 10 - 16 dBm
 - Connectors: SMA female
- Temperature coefficient
 - Approximately 4 ps/°C

ENVIRONMENTAL & PHYSICAL SPECIFICATIONS

- Temperature: 0°C to 50°C
- Humidity: 0 to 95% non-condensing
- Power requirements: Powered by ISA buss in 2003 chassis
- Dimensions: 1 slot of 2003 chassis
- Weight: 2 lbs (0.81 Kg)



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