Spectracom Corp.
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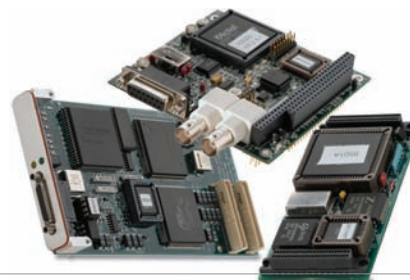**www.spectracom-boards.com**

PMC, PC104, IP Time Card

The TPRO/TSAT board series synchronize embedded computing systems to an external GPS time and frequency reference for calibration, test and measurement, simulcast, and telecommunication networks. Applications include communications, satellite ground stations, aerospace, test ranges, power utilities, and process control.

These mezzanine boards perform timing and synchronization functions referenced to an input timecode signal. The PMC and PC104 form factors optionally support a GPS input signal with the included GPS antenna and cable. Synchronizing an on-board clock to the incoming signal, time and all outputs are synchronized to the selected source. A propagation delay offset can be specified to compensate for cable delays. Drivers are available.

FEATURES:

> Complete GPS and timecode synchronized reader/generator system

> Autodetects IRIG-A, IRIG-B, and NASA36 timecodes and generates IRIG-B

> High-performance, 2.5 ppm oscillator with Freewheel capability

> Event Capture/interrupt input (supports up to 2000 events per second)

> Programmable alarm and frequency (stable 1, 5, or 10 MHz) outputs

> Comparable VME, CPCI, and PCI form factors

For more information, contact: boards@spectracomcorp.com

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