

# Time and Frequency

## Time Tag Module for Models 9000 & 9000S

### Model: 9016

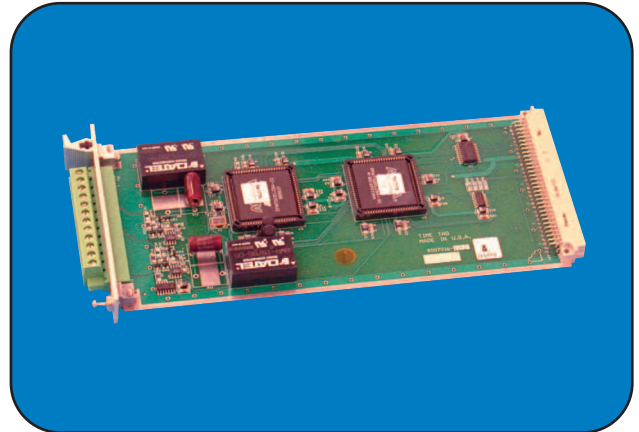


Application - Defense (Military) ■ SatCom ■ Wireless

#### Description:

The Model 9016 accepts positive or negative pulses on one of three inputs and stores the precise time of the input event of the selected edge. Up to 200 events per channel may be stored and outputted on RS-232 or IEEE-488 interfaces. Oldest events are lost on input buffer overflow.

An output pulse is generated at pre-selected times of year. Up to 20 event times may be entered.



#### Specifications:

##### Time Tag Inputs:

Time Resolution: 10 ns

Accuracy: 20 ns, Referenced to Model 9000 Internal OCXO

Input Rate: 100 Per Second, Maximum

Buffer Size: 200 Events

Input Amplitude: +2.0 V to +15 V

Trigger Level: Approximately +1.6 V

Impedance: 50Ω

Connectors: BNC Female

##### Event Output:

Time Set Resolution: 1 ms

Accuracy: 10 ns, Referenced to Model 9000 Internal OCXO

Buffer Size: 20 Events

Event Time Separation: 50 ms, Maximum

Drive: 50Ω

Connector: BNC Female

Panel Space: One High

Specifications subject to change without notice.