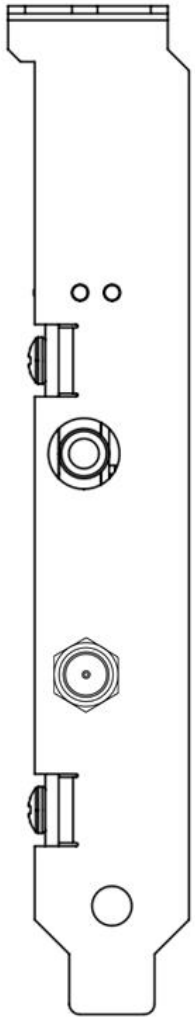
OPAL-RT



OP5964

External Clock Adapter Module

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OP5964 EXTERNAL CLOCK ADAPTER MODULE

DESCRIPTION

The OP5964 External clock adapter is designed to convert a clock signal from an Oregano Systems syn1588® Board into OPAL-RT's model synchronization standard.

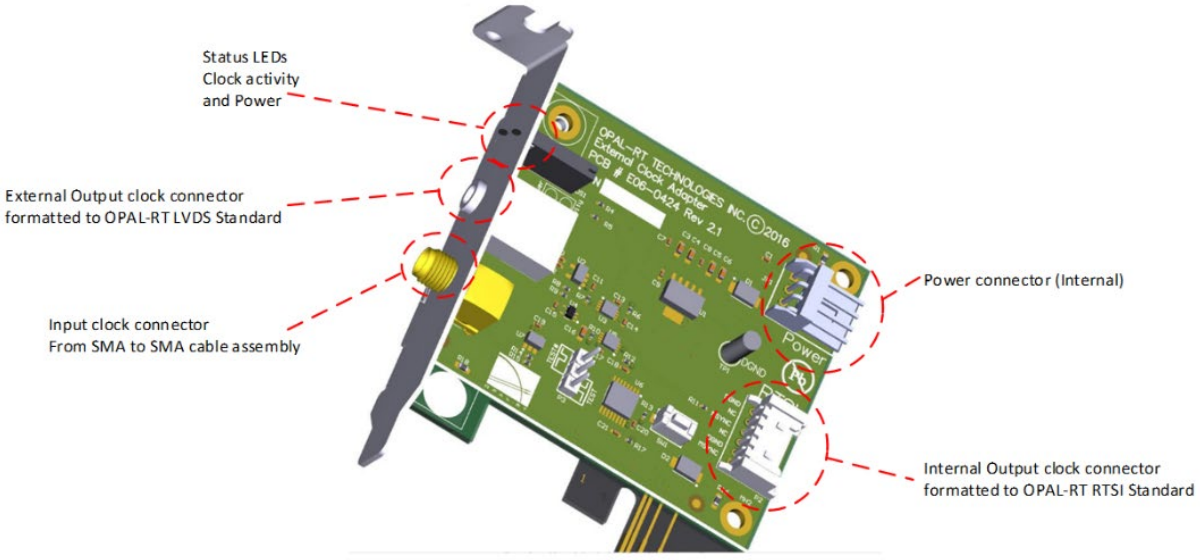
When an Oregano Systems syn1588® Board card is used with RT-LAB, the synchronization pulse is propagated to the GPIO output of the timing connector. By using the standard SMA to SMA cable, the GPIO pulse is available and is compatible with the SMA connector on the OP5964. The pulse is converted by the OP5964 to be compatible with OPAL-RT's standard model synchronization signal.

Connect the audio cable output to the OP5962 to synchronize any OPAL-RT simulator with the same clock as the *Oregano Systems syn1588® Board*.

Features

- SMA RF connector (for Oregano Systems syn1588® Board).
- 5 mm audio connector (to connect to OP5962).
- 2 Status LEDs (power and clock activity).

INSTALLATION

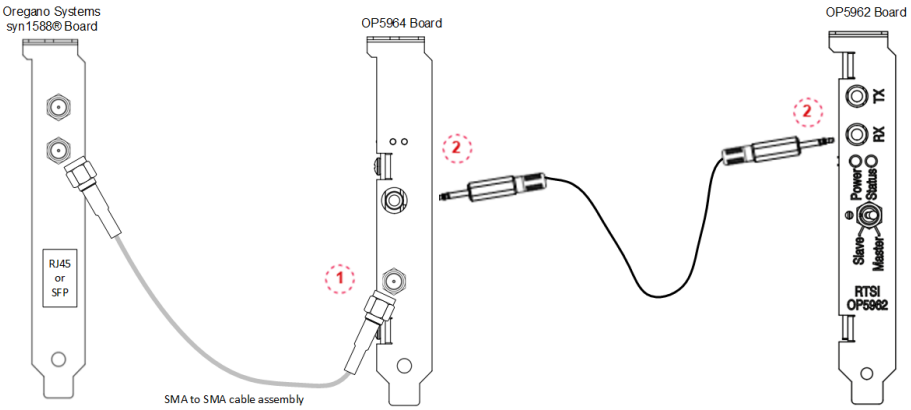


The OP5964 External Clock Adapter must be factory installed at the time of system configuration.

Note that no pinout is required as this card formerly had a DB9 connector, which is currently replaced by an SMA connector, which now receives the GPIO output of the Spectracom module.

CABLING

- Connect the SMA Connector on the Oregano systems Board to the OP5964 SMA connector
- Connect the 5 mm audio connector from the OP5964 audio jack to the OP5962 audio jack.



Specifications

Product name	**OP5964**
Part number	126-0424
Product type	OP5600 external clock adapter (sync between Spectracom and OP5962)
Power	Supplied by chassis
Dimensions	8.75 x 7.64 cm (3.44 in x 3.0 in)
I/O connector	SMA 3.5mm audio stereo
Operating temperature	10 to 40 ºC (50 to 104ºF)
Storage temperature	-55 to 85ºC (-67 to 185ºF)
Relative humidity	10 to 90%, non-condensing
Maximum altitude	2,000 m (6562 ft.)

CONTACT

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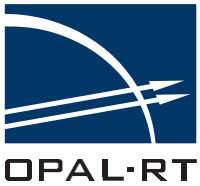

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