

Evaluation Board

for 5x3.2, 5x7, 7x9, 9x14, 13x20, 22x25 1588 oscillators



The Evaluation Board is designed to allow the user to test a variety of industry standard platform sizes and pinouts utilizing the same fixture. It will accept multiple sized packages: 5x3.2mm (SMD), 5x7mm (SMD), 9x7 mm (SMD), 9x14mm (SMD) 13x20 mm (SMD & 4-pin DIP), 22x25mm (SMD). The evaluation board also features a screw terminal block to provide an external voltage source for V_{Supply} and EFC as well as an SMA connection to access the RF signal (CMOS) of the DUT.

Features

- Compact form factor
- Customer configurable
- Multi-platform capability
- SMA connector
- Integrated load circuit
- Screw terminal block for easy connection of external supply
- Fit for SMD & THT pad configuration

Applications

- 1588 (optimized for MCHP ZL30xxx)
- Engineering samples
- Bench testing

Block Diagram

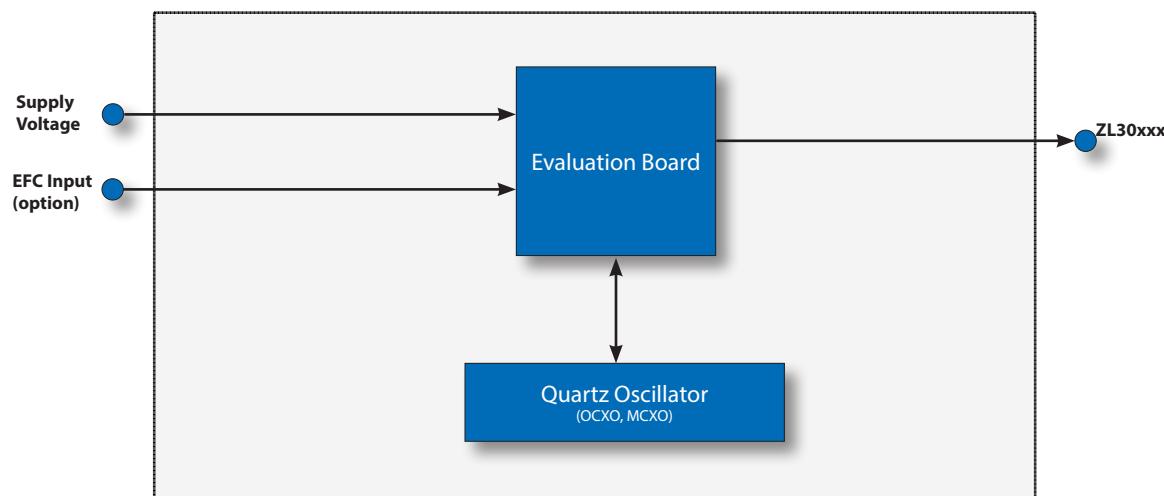
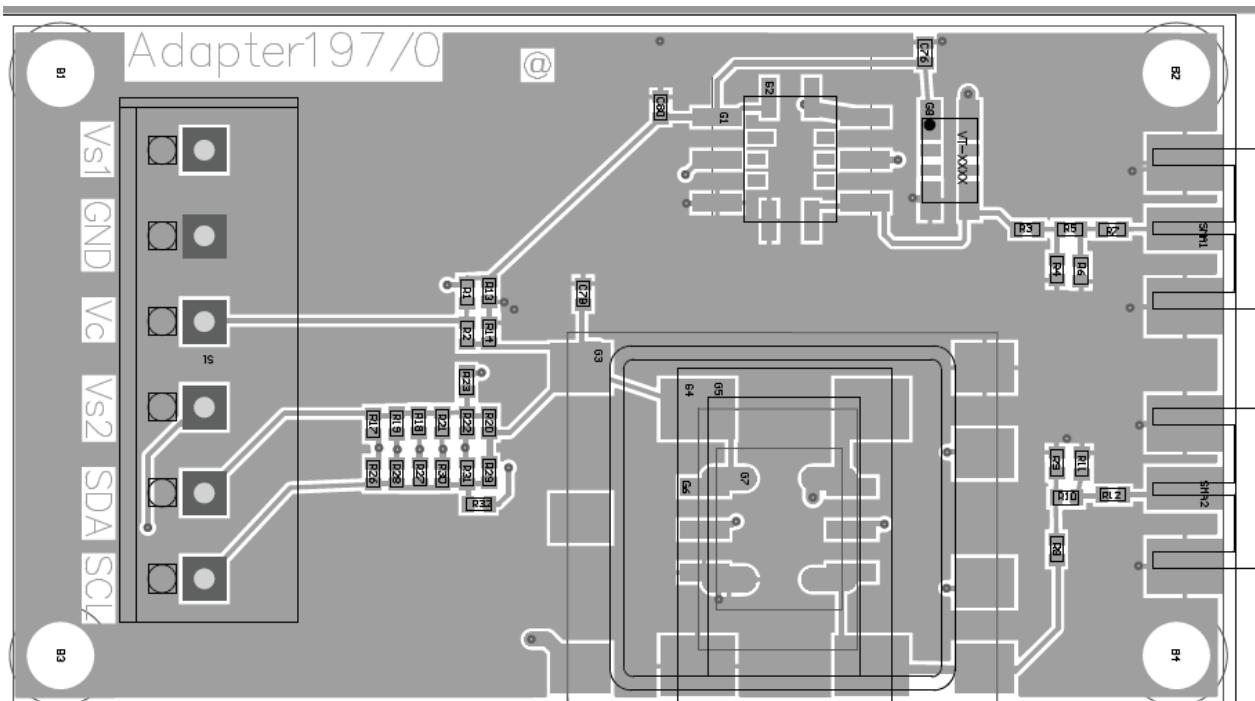


Figure 1. Functional Block Diagram



Ordering Information

- If sample of a known catalog or custom PN is desired along with eval board, please use the universal board and specify at time of order.
- Can be ordered 'as-is' with no platform specified for configuration by the customer.
- ordering code:

evalboard description	ordering code	oscillator Frequency	populated oscillator A	populated oscillator B
Eval Board ZLAN-442 Universal	EVAL_BOARD_ZLAN-442_UNIVERSAL	any	No oscillator	No oscillator
Eval board for ZLAN-442-03	EVAL_BOARD_FOR_ZLAN-442-03	20.000 MHz	OX-6011-EAE-1080-20M000	OX-221-0105-20M000
Eval board for ZLAN-442-04	EVAL_BOARD_FOR_ZLAN-442-04	24.576 MHz	OX-6011-EAE-1080-24M576	OX-221-9133-24M576
Eval board for ZLAN-442-05	EVAL_BOARD_FOR_ZLAN-442-05	25.000 MHz	OX-6011-EAE-1080-25M000	OX-2211-EAE-1090-25M000

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