

CY3677 EVALUATION KIT

The CY3677 Evaluation Kit enables quick and easy evaluation of Cypress's High Performance Programmable Oscillator – CY29430



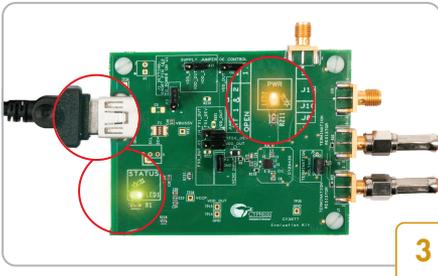
Kit Contents:

1. CY3677 Evaluation Board
2. USB Standard-A to Mini-B cable
3. Quick Start Guide (this document)



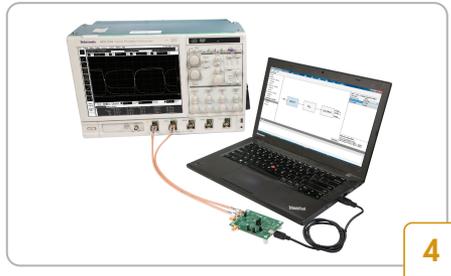
- 1** Download and install the latest kit software onto your PC from www.cypress.com/CY3677

- 2** Ensure the default position of the Jumpers as shown in the table overleaf



3

- Connect the board to your PC using the provided USB cable. The Power LED (Amber) and Status LED (Green) turn on



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- Connect J7 and J8 using SMA cables to an Oscilloscope to evaluate the pre-programmed 114.285 MHz LVDS Clock

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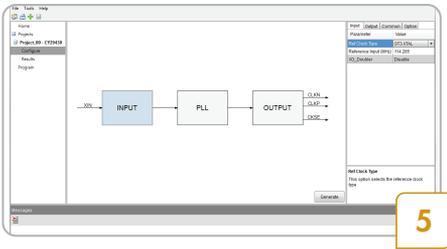
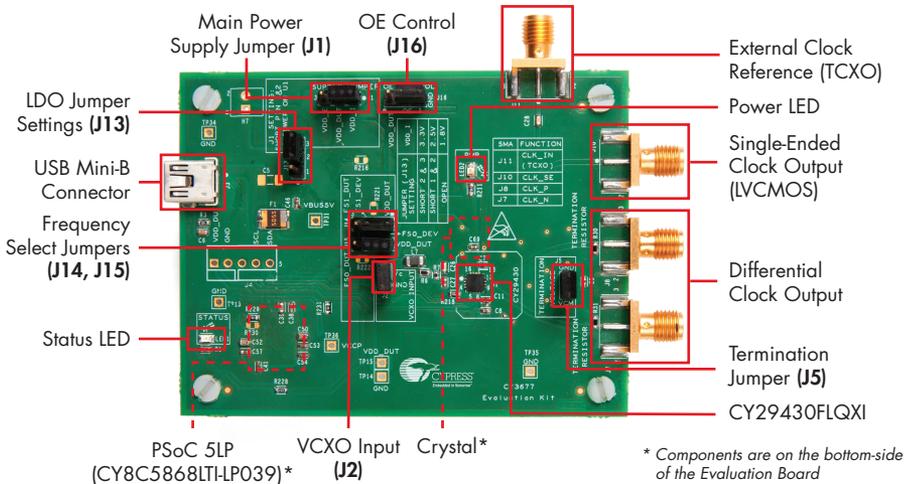


Table: Jumpers Default Position

Jumper	Purpose	Default Position
J1	Power on CY29430	1 - 2
J2	VCXO input set to GND	1 - 2
J5	Termination voltage set to GND	1 - 2
J13	LDO output set to 3.3V	2 - 3
J14	FS1 set to VDD_DUT	1 - 2
J15	FS0 set to VDD_DUT	1 - 2
J16	OE set to GND	2 - 3

- Run the ClockWizard software
- Refer to the **Example Projects** in the Kit Guide to evaluate different configurations and for instructions on programming the device

CY3677 Evaluation Board Details



* Components are on the bottom-side of the Evaluation Board