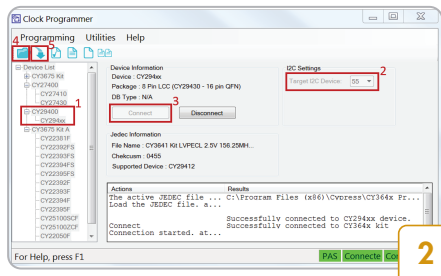
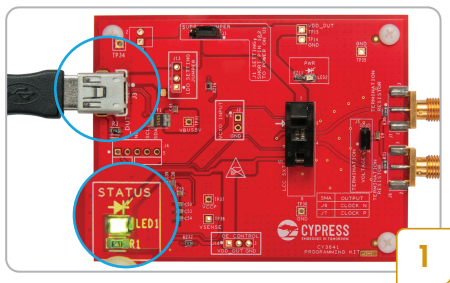
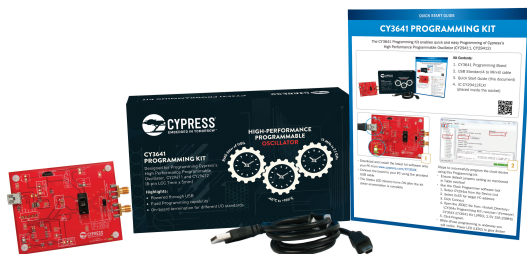


CY3641 PROGRAMMING KIT

The CY3641 Programming Kit enables quick and easy Programming of Cypress's High Performance Programmable Oscillator (CY29411, CY29412)

Kit Contents:

1. CY3641 Programming Board
2. USB Standard-A to Mini-B cable
3. Quick Start Guide (this document)
4. IC CY29412FLXI (placed inside the socket)



- Download and install the latest kit software onto your PC from www.cypress.com/CY364X
- Connect the board to your PC using the provided USB cable
- The Status LED (Green) turns ON after the kit driver enumeration is complete

Steps to successfully program the clock device using this Programming kit.

- Ensure default jumpers setting as mentioned in Table overleaf
- Run the Clock Programmer software tool
 1. Select CY294xx from the Device List
 2. Select 0x55 for target I²C address
 3. Click Connect
 4. Open the JEDEC file from <Install_Directory>\CY364x Programming Kit\<version>\Firmware\CY3641\CY3641 Kit LVPECL 2.5V 156.25MHz
 5. Click Program
- While eFuse programming is underway you will notice Power LED (LED2) to glow Amber

CY3641 PROGRAMMING KIT

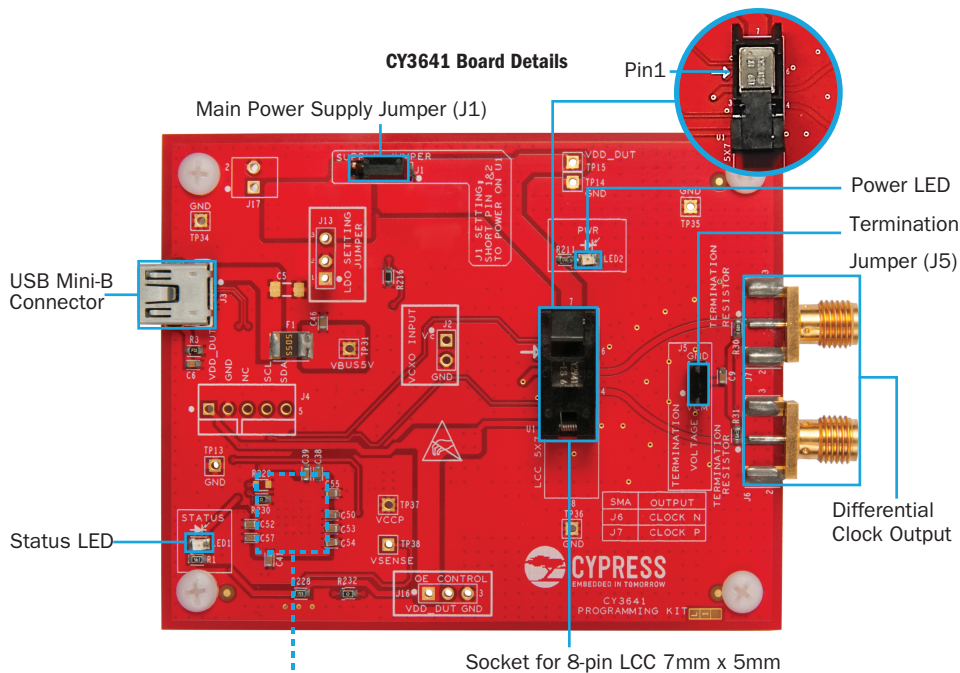
Table: Jumpers Default Position

Jumper	Purpose	Default Position
J1	Power on CY29412	1 - 2
J5	Termination voltage set to GND	1 - 2

3

- CY3641 comes with two SMA connectors, which could be used to measure clock parameters of the programmed part
- Please refer Section 5 Additional Features of CY3641 in the Kit Guide for details

CY3641 Board Details



PSoc 5LP

(CY8C5868LTI-LP039)*

* Component is on the bottom-side of the Programming Board