C5P

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Quick Start Guide

Power ON/OFF

DC 12V

7-Segment Display

Switch x4

KEY x4

LED x4

SMA Clock In

SMA Clock Out

CPU_RESET_n

FAN Connector

UART to USB

USB Blaster II

Arduino Uno R3

PCIe Gen1 x4

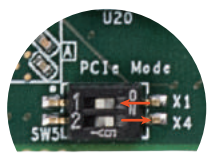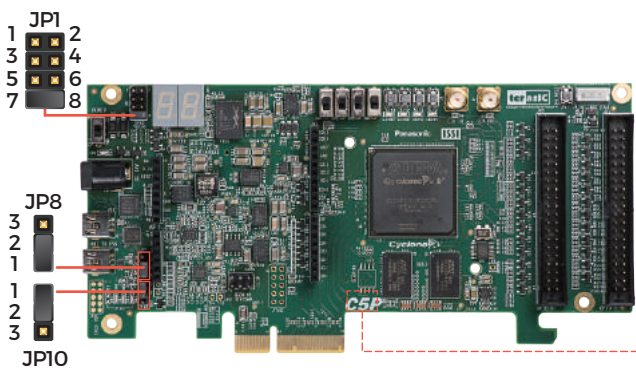Cyclone V 5CGXFC9D6F27C7

DDR3 x32 (1GB)

2x20 GPIO 0

2x20 GPIO 1

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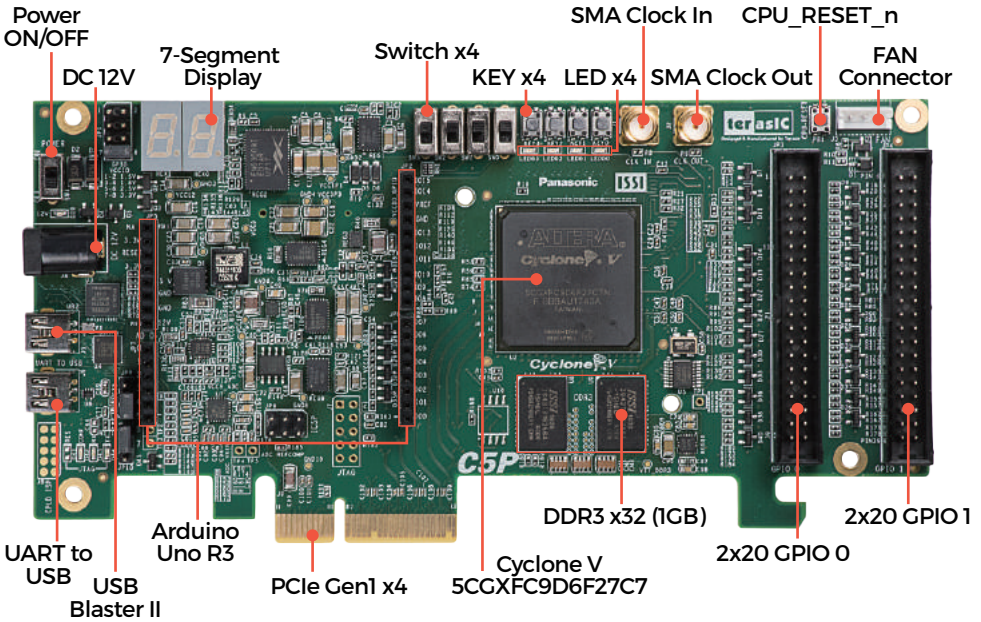
1 What's in the box?
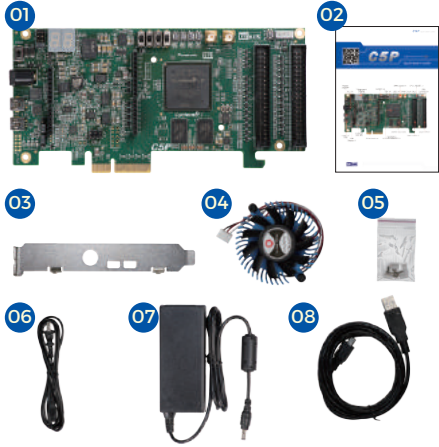
01 C5P Development Board

02 C5P Quick Start Guide

03 PCIe Bracket (Installed)

04 Fan (Installed)

05 Screws and Silicon Footstands Package

06 AC Power Cord

07 Power Adapter

**08** USB to miniUSB Cable

2 Default Jumper and Switch Settings

SW5

(SW5 on the back of the board)

Item	Component	Function	Default Setting	Description
1	JP1	GPIO_VCCIO Setting	Short pin 7and pin 8	Default 3.3V
2	JP8	Arduino AD4/IO14	Short pin 1 and pin 2	Select AD4 for ADC Channel 4
3	JP10	Arduino AD5/IO15	Short pin 1 and pin 2	Select AD5 for ADC Channel 5
4	SW5	PCIe Mode	SW5.1 OFF SW5.2 ON	select PCIe x4 Mode

3 Perform Power-on Test

1. Connect the power adapter to the power jack of the C5P Board
2. Switching SW4 to ON position
3. All the User LEDs are flashing and the 7-segment displays are counting
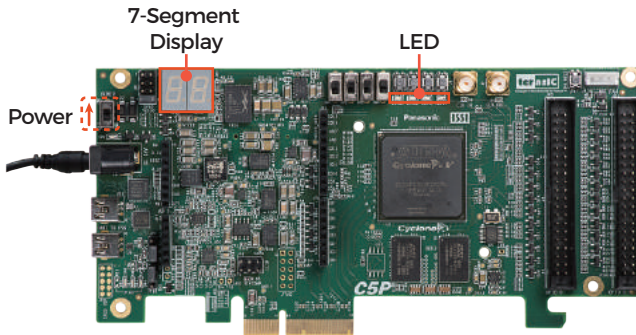
4 Contents of C5P Board System CD

Users can download the System CD from the following:
http://c5p.terasic.com/cd

C5P System CD Contents	
Directory Name	Contents
UserManual	Contains the C5P documentations
Demonstrations	Contains design examples for C5P application
Datasheet	Contains the datasheets of the components on C5P
Schematic	Contains the schematic of C5P
Tools	Contains the design and testing tools for C5P

5 C5P install to PCIe slot of PC
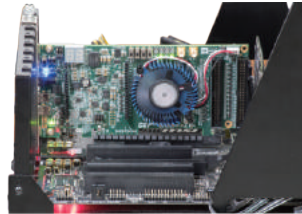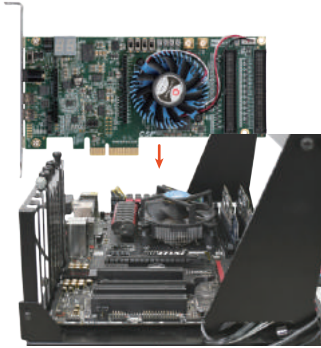
1 Insert the C5P into the PCIe slot of the PC and lock in the board.
(Make sure PC is Power off)

2 Turn on the PC.

6 Getting Help

For further discussion, support, and resources, please go to:
http://c5p.terasic.com

If you encounter any problem, please contact us below:
✉ Email: support@terasic.com   ☏ Tel: +886-3-5750-880

CPT-3337-00