



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Accessories

Screws, clips, speakers, battery holders, cables, wires, and other assorted useful parts.



Software Defined Radio (SDR) Kit

- Contains all the parts needed to construct a complete software radio station with a Xilinx ML605 & an Analog Devices FMCOMMS1 board (boards sold separately)
- Kit includes:
 - 2 plexiglass covers
 - cooling fan
 - mounting hardware
 - 2 antennae



USB A to B cable

- Nearly 5 feet in length
- **Part# 250-059**



USB A to mini B cable

- Nearly 5 feet in length
- **Part# 310-054P**



USB A to micro B cable

- Nearly 5 feet in length
- **Part# 310-053P**



IR Range Sensor

- Measuring range: 10-80 cm
- Current consumption: 30mA typical
- Supply voltage: 4.5 - 5.5 V
- Includes 10" 3-wire cable



BNC Oscilloscope Probes (pair)

- BNC-terminated
- Selectable 1X/10X input attenuation
- Contraction hook tip
- 12cm ground clip
- Localization sleeve adapts to IC testing



Mini "Grabber" test hooks

- Lightweight and durable construction
- Two signal connection points for Discovery signal wires
- Six colors coordinated to Discovery signal wire colors
- Able to grasp conductors up to 1.27mm in diameter



IR Proximity Sensor (2-pack)

- Fairchild QRB1134 Phototransistor Reflective Object Sensor
- Ideal for use with the PmodLS1
- **Part# 240-012**



40-pin DIP Socket

- Perfect for our C-MOD or anything in the 2x20-pin DIP package
- Current rating: 1Amp
- Contact resistance: 20mΩ max
- Note: This product has pins for through-hole mounting and is not suitable for surface mounting.
- **Part# 163-053**



Desktop Switching Power Supply

- 5VDC Switching Power Supply, 4000mA
- Suitable for use with the Virtex-II Pro (V2-Pro)
- US, EU, UK Plug options available



5V 4000mA Switching Power Supply

- 5VDC switching supply, with 4000mA current
- Comes with US and EU plug adapters
- For use with Digilent FPGA & Microcontroller boards
- **Part# 240-030**



5V 2.5A Switching Power Supply

- 5V, 2.5A Switching Power Supply
- Suitable for use with the ZYBO™ FPGA board.
- **Part# 300-031P**



Heatsink w/ Clip

- Self-adhesive backing with clip for easy installation and removal
- Measures 35mm X 35mm X 10mm
- Perfect for the Virtex-5 board
- **Part# 6003-170-003**



Pmod Clip

- Useful for securely attaching a Pmod to your project or application
- Works with any Pmod 0.80" in width
- Can also accommodate a Cerebot Nano
- Ships with 8-32 nut & screw
- **Part# 240-107**



Standoffs

- Contains:
 - 4 hexagonal standoffs (6-32 x 0.375)
 - 4 machine screws (6-32 x 0.250)
 - 4 nylon washers
- **Part# 240-020**



Speaker

- Nominal Impedance 4 Ohms at 1V (1000Hz)
- Frequency Bandwidth 880Hz to 10kHz
- Max power input 5W
- **Part# 310-027**

512Mbytes DDR DRAM

- 512Mbytes of fast DDR DRAM



Learn more about
Digilent Design Contest
2014!



- Can be used with the XUPV2P board
- **Part# D350-000**



256Mbytes DDR DRAM

- 256Mbytes of fast DDR DRAM
- Can be used with the XUPV2P board
- **Part# 350-001**



Battery Holder (4 x AA)

- Holds four AA cells
- Header connector for easy connection to many Digilent boards
- Polycarbonate construction
- **Part# 163-165**



Battery Holder (2 x AA)

- Holds two AA cells
- Header connector for easy connection to many Digilent boards
- Polycarbonate construction
- **Part# 163-043**



Solderless Breadboard Kit - Small

- Convenient breadboard for constructing small-to-medium circuits
- Self-adhesive backing - can be affixed to any surface
- 1x 630 tie point terminal strip
- 1x 100 tie point distribution strip
- 1.75 x 4.5 inches
- **Part# 340-015**



Solderless Breadboard Kit - Large

- Large breadboard with rugged steel backing
- 3x 630 tie point terminal strips
- 5x 100 tie point distribution strips
- Four screw terminals for power supply connections
- 5 adhesive rubber feet
- **Part# 340-002P**



Analog Parts Kit

- Large selection of components designed to create a wide variety of useful experiments & devices
- Includes transistors, resistors, capacitors, diodes, sensors, and more
- Also includes a variety of useful ICs like Op Amps, convertors, and regulators
- Comes with an assortment of lead wires, a solderless breadboard, and a screwdriver
- **This kit can also be bundled with an Analog Discovery for \$20 off!**



Wire Kit

- 140 pieces of pre-trimmed .22ga jumper wires, in various lengths and colors
- Contained in hard plastic box
- **Part# 310-001**



XUP Fly Wire Assembly

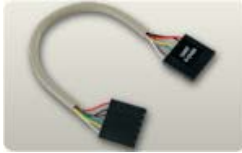
- For use with the XUP USB-JTAG Programming Cable (above)
- Breaks out each of the six JTAG signals to individual female headers, the signal name printed on each wire
- Allows for use of the Programming Cable with boards utilizing different JTAG connectors.
- **Part# 250-041**

USB to Serial Adapter Cable

- Plugs into any USB port and provides a serial connection
- Allows newer PCs without their own serial ports to program serial-only system boards



- **Part# 310-035P**



UART Crossover Cable

- 6", 6-pin crossover cable
- Connects newer UART-interface Pmods (PmodBT) to older microcontroller boards (Cerebot 2, Cerebot 32MX4, etc.)
- Connects older UART-interface Pmods (PmodCLS, PmodRS232, etc.) to newer microcontroller boards (Coming soon)
- For more information on where / how to use this cable, please see [this document](#).
- **Part# 250-047**



VHDCI Male-to-Male Cable

- VHDCI male connector on both ends
- 16" in length
- Useful for connecting Vmods to VHDCI-equipped system boards (Genesys, Atlys, ...)
- **Part# 250-045P**



HDMI Cable (Type A to Type A)

- 40" in length
- **Part# 240-053P**



HDMI Cable (Type A to Type D micro)

- 40" in length
- **Part# 310-051P**



6 Pin Cable Connector

- available in lengths of 6", 12", and 18"
- designed for use with Digilent peripheral modules
- can be used to send FPGA signals to an outside device
- 6-pin connectors are standard 100mil spaced 25mil square connectors
- allow signals to be routed to and from an FPGA on a Digilent system board
- **Part# 310-009 / 310-034 / 310-010**



2x6 Pin Cable

- Designed to connect a 12-pin Pmod to a 12-pin system board connector
- Can be used to send Digilent System board signals to and from outside devices
- Uses standard 100mil-spaced 25mil square connectors
- 7" (18mm) in length
- **Part# 250-032P**



2x6 Pin to Dual 6 Pin Cable

- Designed for use with Digilent Peripheral Modules that have 2x6 pin connectors
- Designed to connect two 6-pin system board connectors to a 12-pin Pmod connector, or to connect a 12-pin system board connector to two 6-pin Pmod connectors
- Uses standard 100mil-spaced 25mil square connectors
- 7" (18mm) in length
- **Part# 250-030**



6Pin Header & Gender Changer

- Changes gender for any 6 pin female header, female to male
- Connects any 2 digilent 6 pin cables together
- Provides easy access for test and measurement
- Ships in pack of 5
- **Part# 240-004**

PICKit3 Programming Cable Kit

- For connecting a chipKIT™ board to Microchip's® [PICKit3](#) debugger/programmer.



- Includes a 6" 6-pin cable, a 6-pin gender changer, and a 6-pin right angle male header.
- **Part# 240-035**



2x6 Pin Header

- Acts as a female-to-male gender changer for a 2x6 pin female header or cable
- Can connect any two Digilent 2x6 pin cables together
- Provides easy access for test and measurement
- Ships in pack of 5
- **Part# 240-062P**



VHDCI Connector

- 2x34 pins, male
- Right angle type for through-hole mounting
- Part #: R-HI-008068-2
- **Part# 163-433P**



Hirose FX2 Socket Connector

- Right angle type for through-hole mounting
- Hirose part# FX2-100S-1.27DS
- **Part# 163-062**



Cat 5E Ethernet Cable

- Standard RJ-45 connectors
- 10' Category 5E ethernet cable
- **Part# 310-011**



Coax Power Cable

- 2.1mm female power connector for use with Digilent power supplies
- Useful for any Digilent product that can accept power from an outside source
- **Part# 310-024**



6 Pin MTE Cable

- Provides the option to separate 6 signals using MTE connectors
- 6-pin connectors are standard 100mil spaced 25mil square connectors
- Can be used with any Digilent board
- Ideal for testing and verification
- **Part# 310-014P**



4-Pin MTE Cable

- 9" in length
- Can be used with any Digilent board
- Ideal for testing and verification
- **Part# 250-060**

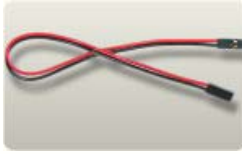


4-pin to 2x2-pin MTE Cable

- 9" in length
- Can be used with any Digilent board
- Ideal for testing and verification
- **Part# 240-021-4P**

2 Pin MTE Cable

- available in lengths of 9" and 18"



- Ships in pack of 5
- Can be used with any Digilent board
- Ideal for testing and verification
- **Part# 240-006 / 240-007**



1 Pin MTE Cable

- 6" in length
- Ships in pack of 5
- Can be used with any Digilent board
- Ideal for testing and verification
- **Part# 240-005**



2 Pin MTE Power Cable

- Provide power to battery connection on a Digilent Board
- Provides access to any 2 signals that are tied to any 100mil spaced pins
- **Part# 310-025P**



XUPV2P COVERS

Protective covers for your XUPV2P board.

- Protects both sides of the V2P board
- Made from durable plexiglas
- Covers have cutouts for all connectors, buttons, and switches
- **Part# 6003-170-002**



Plug Adapters

European/UK wall plug adapter

- convenient way to switch from US wall plug to European or UK wall plugs
- simple snap-on design
- used with Digilent Inc.'s switching power supplies
- US to European wall plug adapter
- US to UK wall plug adapter
- **Part# 300-008 / 300-009**