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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 seperately)
- 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 lengthPart# 310-054P



USB A to micro B cable

- Nearly 5 feet in lengthPart# 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
- Part# 163-053



2014!

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 accomodate 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



- · 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 screwdiver
- 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 lengthPart# 240-053P



HDMI Cable (Type A to Type D micro)

- 40" in lengthPart# 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



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



European/UK wall plug adapter

- convienent 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

Digilent, Inc. | P.O. Box 428 Pullman, WA 99163-0428 | (509) 334-6306 (voice) (509) 334-6300 (fax) | Contact us