Application Specific & Reference Design Kits

The Scuola Lab is a complete pack of different TinkerKit Modules and Arduino accessories to kickstart your school's Lab.

The Scuola Lab consists in 10 Sensor Shield V.2, 10 Arduino Uno Boards, every kind of sensors and actuators in different quantities, 2 Ethernet Shields, 10 Proto PCBs, 5 Kit Workshop Without Arduino and a copy of "Getting Started With Arduino" by Massimo Banzi.

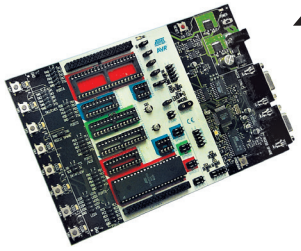
Mfg. Part No.	Stock No.	Price Each 1+
● K000005	78T2134	---

PIM_5511953

STK500 AVR STARTER KIT

Atmel

RoHS Compliant Available



STK500 starter kit and development system for AVR Flash microcontrollers enables designers to quickly begin AVR code development, engineer prototypes, and test new designs. The kit interfaces with AVR Studio an Integrated Development Environment (IDE) for code writing and debugging.

Mfg. Part No.	Description	Stock No.	Price Each 1+
● ATSTK500	STK500 AVR Starter Kit	68T3407	---

PIM_197940

CYPRESS PSOC™ 3 DEVELOPMENT KITS

CYPRESS PERFORM

RoHS Compliant Available

PSoC™ 3 is a single-cycle, pipelined 8-bit 8051 core and a high-performance configurable digital system provide unmatched analog and digital BOM integration with the flexibility to handle late design changes anywhere in the design process. The **CY8CKIT-008 PSoC® CY8C29 Family Processor Module Kit** can be used in conjunction with the PSoC Development Kit (CY8CKIT-001) to create designs utilizing on-board DVK resources or compatible expansion boards. This kit provides you with an additional processor module to use with different projects. The **CY8CKIT-001 PSoC® Development Kit (DVK)** provides a common development platform where you can prototype and evaluate different solutions using any one of the PSoC 1, PSoC 3, PSoC 4, or PSoC 5 architectures.

Mfg. Part No.	Description	Stock No.	Price Each 1+
● CY8CKIT-008	PSoC® CY8C29 Family Processor Module Kit	26R2366	---
● CY8CKIT-001C	PSoC® Development Kit	56W4907	---

Accessories

Mfg. Part No.	Description	Stock No.	Price Each 1+
YesCY8CKIT-002	PSoC® MiniProg3 Program and Debug Kit	26R2364	92.82
YesCY8CKIT-029A	PSoC® LCD Segment Drive Expansion Board	58T0042	---

PIM_155085

MPLAB® STARTER KIT FOR PIC18F MCU FAMILY

MICROCHIP

Features

- PIC18F46J50 MCU with 64KB Flash
- 4KB RAM
- XLP low power
- mTouch touch sensing
- USB.

The **PIC18F Starter Kit** contains everything needed to experience the high performance and versatility of the PIC18F microcontroller family. It includes an on-board debugger/programming capability as well as USB communication, a capacitive touch pad, potentiometer, acceleration sensor, MicroSD™ memory card, and an OLED display. The board can function as a USB mouse, joystick or mass storage device (thumb drive) all using the on-board capacitive touch sense pads.

▸ CONTINUED ▸

MPLAB® STARTER KIT FOR PIC18F MCU FAMILY (CONT.)

Mfg. Part No.	Stock No.	Price Each 1+
DM180021	29R0931	---

PIM_156280

STM8 SERIES 8-BIT DEVELOPMENT TOOLS

RoHS Compliant Available

life.augmented

STM8L and STM8S microcontrollers are supported by a complete range of high-end and low-cost development tools. This complete line includes evaluation, software, debugging and programming tools.

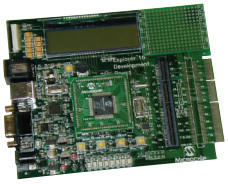
Mfg. Part No.	Description	Stock No.	Price Each 1+
● STM8/128-EVAL	Audio Play and Record, IrDA Transceiver, LIN Communication	57P1437	---
● STM8/128-SK/RAIS	In-Circuit Debugger/Programmer, USB Interface to Host PC	57P1438	---
● STM8L101-EVAL	MicroSD Card, I2C+SPI+USART+SWIM debug support, RS-232 Communication	55R6965	---

PIM_148873

EXPLORER16 DEVELOPMENT BOARDS

MICROCHIP

RoHS Compliant Available



Features

- Includes processor PIMs for both PIC24 and dsPIC families
- Alpha-numeric 16 x 2 LCD display
- Interfaces to MPLAB ICD 3, MPLAB REAL ICE and RS-232
- Includes Microchip's TC1047A high accuracy, analog output temperature sensor
- Expansion connector to access full devices pin-out and bread board prototyping area
- PICTailTM Plus connector for expansion boards
- Full documentation in download section below: user's guide, schematics

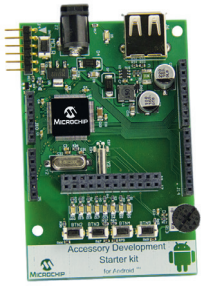
The Explorer 16 Development Board is a low-cost modular development system for Microchip's 16-bit and 32-bit microcontrollers. It supports devices from the PIC24, dsPIC and PIC32 families. A variety of families are supported with processor Plug-In Modules (PIMs) for easy device swapping. The board includes a PICtail Plus daughter card connector for expansion boards including USB, CAN, Ethernet, wireless, graphics and many more. Coupled with the MPLAB ICD 3 In Circuit Debugger or MPLAB REAL ICE, real-time emulation and debug facilities speed evaluation and prototyping of application circuitry.

Mfg. Part No.	Description	Stock No.	Price Each 1+
DM240002	44 Pin PIM	54M4471	---

PIM_87543

PIC24F ACCESSORY DEVELOPMENT STARTER KIT FOR ANDRIOD

MICROCHIP



Features

- PIC24F 16-bit PIC® MCU with USB OTG
- Type A USB connector
- User interface buttons
- LEDs and potentiometer
- Device charger circuitry up to 500mA
- Arduino footprint compatible for prototyping

The Microchip PIC24F Accessory Development Start Kit for Android™ is a standalone board used for evaluating and developing electronic accessories for Google's Android operating system for smartphones and tablets. This kit provides all of the tools and resources required to get an accessory developer quickly started on Android devices. The platform provides a library for accessing and talking to Android devices through the accessory framework found in the Android OS versions 2.3.4, 3.1 and later.

Mfg. Part No.	Stock No.	Price Each 1+
DM240415	47T4879	---

PIM_200551