My Account | Log

brought to you by MICROCHIP

Location: United States Change Language: English

PRODUCTS APPLICATIONS SERVICES VOLUME PRICING PROGRAMMING CENTER SUPPORT LIVE CHAT

8-bit PIC® Microcontrollers
16-bit PIC®MCUs & dsPIC®DSCs
32-bit PIC Microcontrollers
Analog
Interface
PC Systems & I/O Controllers
Memory
Wi-Fi, Bluetooth, RF and Security
Development Tools
Discount Parts

Search

CART / CHECKOUT (0)

Advanced Search

Found 3 matches total. Items 1 to 3 displayed.

Part Number TREV-MCP030 - PICAXE Microbot



The PICAXE-20X2 Microbot system provides an exciting, economical introduction to the world of robotics. The microbot can be fully customized via the 6 input/output module connection points. Unique patented microbric connectors allow the robot to be easily reconfigured with just a screwdriver. An extensive manual and programming guide is available as a free PDF download.

This microbot is supplied in self assembly format, but no soldering is required as all electronic modules are pre-assembled. The TREV-MCP035 expansion kit to provide additional sensors and programming activities is also available. This kit requires the TREV-MCP050 USB cable set for programming. Includes:

- PICAXE Microbot Chassis
- On board LED eyes, piezo sounder and gearboxes
- Bumper switch module
- Line follower module
- Pen holder module
- Servo connector module

PICAXE is a trusted 3rd Party Tool provider

Standard Pricing:

In stock (ships immediately): **13**
When can I get more?

Quantity:

Part Number TREV-MCP020 - PICAXE Create Starter Pack



The PICAXE Create System includes a PICAXE-18M2 Motherboard and 13 input/output modules which connect using patented `microbric` connectors. Various circuits can be built by just swapping modules around - no soldering required!

The motherboard is fully assembled; modules require simple soldering before first use. Once initially assembled (by the teacher) only a screwdriver is needed to assemble, disassemble or reconfigure the system. Modules are compatible with the TREV-MCP030 PICAXE Microbot.

The starter pack contains Motherboard, USB Download cable, connectors, screwdriver, and the following modules:

- Touch sensor
- Push switch
- Slide switch
- DS18B20 temperature sensor
- LDR input
- Infra-red input
- Terminal block
- Infra-red LED output
- Piezo sounder
- LED output
- Darlington transistor output
- L293D reversible motor driver

PICAXE is a trusted 3rd Party Tool provi

Standard Pricing:

In stock (ships immediately): **10**
When can I get more?

Quantity: ADD TO CART

Part Number TREV-MCP035 - PICAXE Microbot Expansion Kit



This expansion kit adds additional sensor modules and features to your TREV-MCP030 PICAXE Microbot. The microbot documentation contains sample programs and ideas for each of the additional sensors. Kit includes:

- Ultrasonic range finder, for non-contact obstacle detection
- Miniature servo, for use with the ultrasonic sensor or to build your own extension e.g. gripper hand
- LDR light sensors to develop a light seeking robot
- Infrared controller and sensor for remote control

PICAXE is a trusted 3rd Party Tool provider

Standard Pricing:

In stock (ships immediately): **3**
When can I get more?

Page 1

GET VOLUME PRICING UPGRADE TO A BUSINESS ACCOUNT

FREE PROGRAMMED SAMPLES WITH AN ORDER TODAY

SMSC PRODUCTS NOW AVAILABLE

ROVING NETWORKS GET CONNECTED Wi Fi Bluetooth

TERMS OF USE TERMS AND CONDITIONS OF SALE SECURITY OF DATA PRIVACY POLICY LEGAL INFO CONTACT US

©Copyright 1998-2013 Microchip Technology I
Shanghai ICP Recordal No.090497

Give Feedback