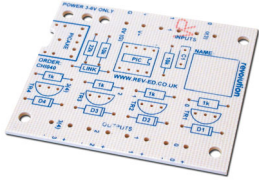


PICAXE PROJECT BOARDS & ADD-ONS

PICAXE-08 PROJECT BOARD

The project board PCB is a professional quality PCB that enables students to construct a project board that has 4 outputs and 1 input. The board provides space for the PICAXE-08 chip, download socket and 4 transistors. Self assembly kit (including PCB) or PCB only.



PICAXE-08 Project PCB (single): CHI040
Project Full Kit (set 5): CHI041K

PICAXE-08 MOTOR DRIVER

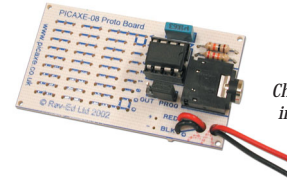
The motor driver board can be used to drive 4 individual on/off outputs (e.g. buzzers), or the outputs can be used in pairs to allow forward-reverse-stop control of two motors. Pre-assembled with PICAXE-08 chip included.



PICAXE-08 Motor Driver: AXE023
4.5V Battery Box: BAT013

PICAXE-08 PROTO BOARD

Small self-assembly board to allow rapid prototyping of PICAXE-08 circuits. The board provides the basic circuit and download connector, with a small prototyping area to allow connection of input and output circuits.



Chip not included.

PICAXE-08 Proto Board Kit: AXE021
4.5V Battery Box: BAT013

PICAXE-18 PROJECT BOARD

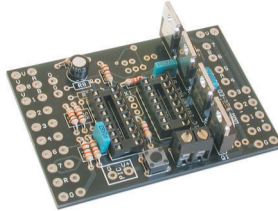
The PICAXE-18 standard interface board is a pre-assembled board fitted with a darlington driver chip so that output devices such as motors and buzzers can be connected directly to the board. Supports 5 inputs and 8 outputs.



PICAXE-18 Project Board: CHI030
4.5V Battery Box: BAT013

PICAXE-18 HIGH POWER

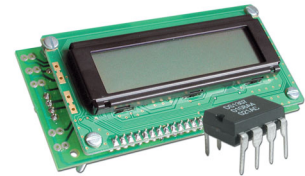
The pre-assembled high power interface board provides 4 FET drivers to drive high current output devices. By addition of the optional L293D motor driver chip, an additional 2 motor control outputs can be added.



PICAXE-18 High Power Board: CHI035
L293D Motor Driver IC: IC0030

SERIAL/I2C LCD MODULE

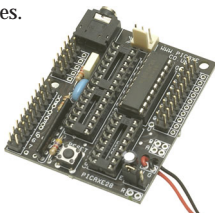
The serial LCD/clock module is a low-cost module that displays messages on a 16x2 display. Communication with PICAXE via serial or i2c bus. Real Time Clock upgrade available to add time/alarm. Partly assembled.



Serial/I2C LCD Module: AXE033
Clock Upgrade Chip: AXE034

PICAXE-28 PROJECT BOARD

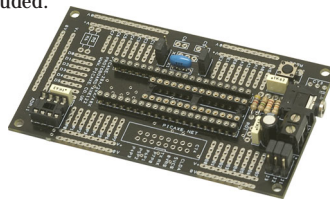
A pre-assembled board fitted with a darlington driver chip for 8 output devices. By addition of the optional motor driver chip, an additional 2 motor control outputs can be added to the board. Supplied with connector ribbon cables.



PICAXE-28 Project Board: AXE020
L293D Motor Driver IC: IC0030

PICAXE-28/40 PROTO BOARD

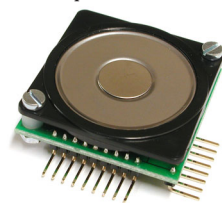
The PICAXE-28/40 protoboard kit allows rapid development of PICAXE-28X and 40X projects. The board provides the basic circuit and download connector, with connections for input and output circuits. EEPROM socket included.



PICAXE-28/40 Proto Board Kit: AXE022
24LC256 EEPROM: MIC050

SPEECH SYNTHESIZER

The speech synthesizer module is a complete text-to-speech 'talking' module, containing an on-board amplifier, speaker and processor. Up to 30 pre-defined phrases can be stored in the module, and the module can be controlled by standard outputs or via the i2c bus.



Speech Synthesizer: SPE030
PICAXE-18X microcontroller: AXE015X

INFRARED UPGRADE PACK

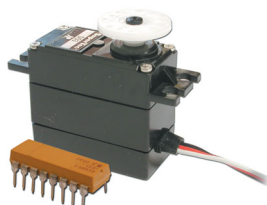
The infrared upgrade pack contains a TV style remote control (TVR010), infrared receiver (LED020) and all electronic components necessary to interface to the PICAXE. Individual receivers also available separately.



Infrared Upgrade Pack: AXE040
Individual IR Receiver: LED020

SERVO UPGRADE PACK

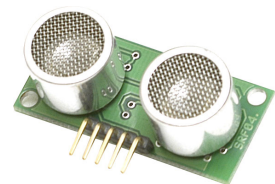
The servo upgrade pack includes the components to convert the AXE020 project board to support up to 8 radio control style servos for 'robot' applications. Includes one servo, battery box and components.



Servo Upgrade Pack: AXE030
Individual Servo: GBX010

ULTRASONIC RANGE FINDER

This pre-assembled unit uses ultrasonic sound to detect obstacles from 3cm to 3m away. Accurate enough to detect a broom handle at 2m! Use the CON041 connector to connect the range finder to your project.



Ultrasonic Range Finder: SRF004
Matching 5 pin connector: CON041

Please Note: Unless otherwise stated, project boards do not include a PICAXE chip, and so the appropriate chip should also be purchased separately.