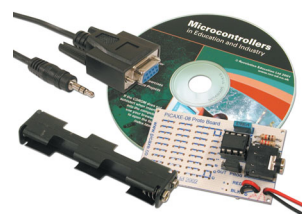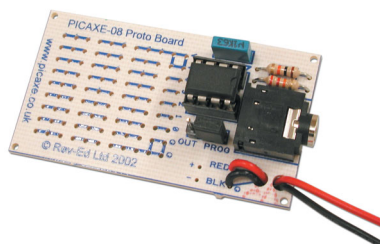# PICAXE STARTER PACKS & CHIPS

PICAXE STARTER PACKS

To get started with the PICAXE system a starter pack is recommended. All 5 starter packs contain the same CDROM (containing the manuals and free programming software), serial download cable and battery box. However the project board and type of PICAXE chip varies in each starter pack as indicated below. Note that if you wish to use the USB port for downloading you will also require the USB adapter. AA batteries are also required.
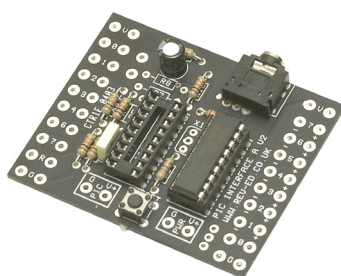
PICAXE-08 STARTER PACK

PICAXE-08 protoboard, PICAXE-08 chip, CDROM, download cable and battery box. Self assembly kit.

PICAXE-08 Starter Pack:	**AXE003**
AA Battery (3 required):	**BAT002**

PICAXE-18 STARTER PACK
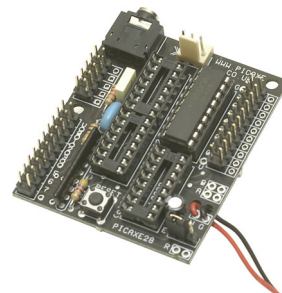
PICAXE-18 standard project board, PICAXE-18 chip, CDROM, download cable and battery box. Pre-assembled (chip supplied).

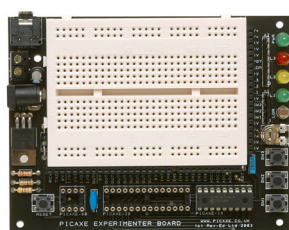|	
PICAXE-18 Starter Pack:	**AXE002**
AA Battery (3 required):	**BAT002**

PICAXE-28A STARTER PACK

PICAXE-28 project board, connector cables, PICAXE-28A chip, CDROM, download cable and battery box. Pre-assembled (chip supplied).

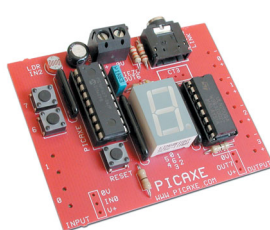|	
PICAXE-28A Starter Pack:	**AXE001**
AA Battery (3 required):	**BAT002**

EXPERIMENTER STARTER PACK

Specifically designed for hobbyists with large breadboarding area for experimentation. The experimenter pack can support all 8, 18 and 28 pin chips and is supplied with a PICAXE-18X chip. Self assembly kit.

Experimenter Starter Pack:	**AXE090**
9V Power Supply (UK Only):	**PWR009**

TUTORIAL STARTER PACK

The tutorial pack is designed for school use to enable students to rapidly learn the PICAXE language by a series of structured tutorials (provided on the CDROM). Pre-assembled board with LDR, switches and output display.

Tutorial Starter Pack:	**AXE050**
AA Battery (3 required):	**BAT002**

CABLES & USB ADAPTER

The standard download cable (supplied in each starter pack) connects to the 9 pin serial port of the computer. If your laptop does not have this type of serial connection, you will also require the USB to serial adapter.

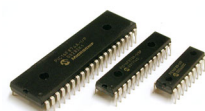|	
USB to Serial Adapter:	**USB010**
Standard Download Cable:	**AXE026**
Inline Download Cable:	**AXE025**

SINGLE/BULK PICAXE CHIPS

The order codes for the various PICAXE chips are shown in this table.

The PICAXE-08 costs under £1 in volume!

The volume bulk packs are discounted to give additional value for money.

PICAXE Type	Order Codes	IC Size	Memory (lines)	I/O Pins	Outputs	Inputs	ADC (L =low)	Data Memory	Polled Interrupt
PICAXE-08	AXE008 (5) AXE009 (50)	8	40	5	1-4	1-4	1L	128 - prog	-
PICAXE-08M	AXE008M (5) AXE009M (50)	8	80	5	1-4	1-4	3	256 - prog	Yes
PICAXE-18	AXE015 (1) AXE016 (10)	18	40	13	8	5	3L	128 - prog	-
PICAXE-18A	AXE015A (1) AXE016A (10)	18	80	13	8	5	3	256	Yes
PICAXE-18X	AXE015X (1) AXE016X (10)	18	600	14	9	5	3	256 + i2c	Yes
PICAXE-28A	AXE010A (1) AXE011A (10)	28	80	20	8	8	4	64 + 256	Yes
PICAXE-28X	AXE010X (1) AXE011X (10)	28	600	21	9-17	0-12	0-4	128 + i2c	Yes
PICAXE-40X	AXE014 (1)	40	600	32	9-17	8-20	3-7	128 + i2c	Yes