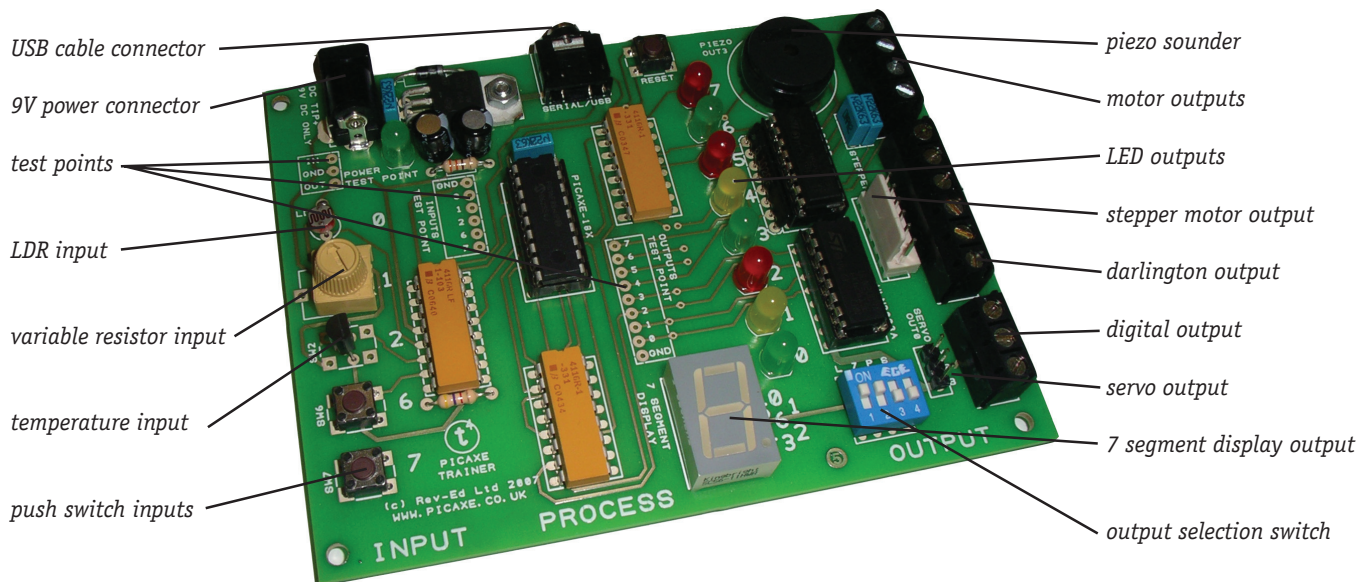


## T4 CONTROL TRAINING BOARD



The **t4 Control Training Board** has been specifically designed to meet the requirements of the t4 Technology curriculum in Ireland. However, as it is a general purpose training board, it may also be utilised in many other courses. The training board can be used with any software application that supports the PICAXE hardware, including the free 'PICAXE Programming Editor' and/or 'Logicator for PIC Micros' software.

The training board is supplied with both analogue and digital inputs, as well as a range of output devices.

The training board provides a complete tutorial system based around the PICAXE-18X technology. Free training resources and tutorials are provided in the PICAXE manual (part 1 - Getting Started).

### KEY FEATURES:

- LED on each output (can be enabled/disabled)
- 7 Segment Display output (can be enabled/disabled)
- Piezo sounder output (can be enabled/disabled)
- Servo output connector
- Stepper motor output connector
- 4 Darlington driver buffered outputs
- 2 reversible motor driver outputs
- LDR light sensor analogue input
- DS18B20 temperature sensor input
- variable resistor analogue input
- push switch inputs
- input, output and power test points

The AXE056 'starter kit' contains the following parts:

- AXE055 t4 Control Training Board
- AXE027 USB download cable
- PWR009A 5V DC power supply (UK/EIRE style plug)

### ORDER CODES:

It is recommended that new users purchase the starter pack, part AXE056

This contains the following parts:

1x AXE055	t4 Training Board
1x AXE027	USB download cable
1x PWR009A	9V Power Supply

A discounted educational 'starter 5 pack' is also available (part AXE057)

This contains the following parts:

5x AXE055	t4 Training Board
5x AXE027	USB download cable
5x PWR009A	9V Power Supply

The tutorial/manual can be downloaded free of charge from the PICAXE website [www.picaxe.co.uk](http://www.picaxe.co.uk)

### OUTPUT OPTIONS:

The t4 Training Board is designed to be compatible with the following optional output devices:

Solar DC Motor	- GBX007
(optional propeller)	- GWC040
Buzzer	- SPE005
Stepper Motor	- GBX008
Servo	- GBX011
Serial LCD	- AXE033
MP3 Music Module	- USB030

The stepper motor and servo are supplied pre-fitted with appropriate connectors to fit directly onto the headers on the t4 Training Board.

The other outputs are connected via wires to the screw terminal blocks provided on the training board.

### ORDERING:

All parts can be ordered online at [www.techsupplies.co.uk](http://www.techsupplies.co.uk)

All schools/colleges in the UK and EIRE also have automatic 30 day accounts. Fax your official order to Revolution Education Ltd for immediate despatch.

Tel (UK):	01761 430044
Fax (UK):	01761 430045

Tel (World):	+44 1761 430044
Fax (World):	+44 1761 430045

Email:	<a href="mailto:sales@rev-ed.co.uk">sales@rev-ed.co.uk</a>
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**For further PICAXE information please see the PICAXE website:**  
**[www.picaxe.co.uk](http://www.picaxe.co.uk)**