

QuickLink Systems

hands-on creative electronics

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Price List May 2009

(Minimum order £30.00
 Prices exc. P & P)

Project Tools Modular Software



Project Tools
**Key Stage 3
 +
 Beyond**

SOFTWARE MODULES

Understanding Resistor Values / Colour Bands
 Calculating LED Protection Resistor Values (+ circuit values) Automatically
 How to Measure Voltage/Current/Resistance with a Multimeter
 Introducing Components / Symbols via interactive Chart
 "Acorn" Hands-On Starter Focused Tasks:- 0,1, 2 and 3
 Interactive Electronics' Tutorials + Audio + Automatic Assessment
 "Track Layer" Design Tool:- Boards for Projects + Virtual Soldering
 "DMA"- "Communicating with Displays" + Introductory Circuit Tutorials
 "QuickLinks" Presentation Maker: Showing Simulations/Diagrams
 Understanding "Open and Closed Loop" Control Systems + Exercises
 Identifying Needs & Designing Products for People + Exercises
 Introducing the Design Process and Design Considerations
 Investigating Input Sensors and understanding Voltage Dividers
 Exploring "Process" and "Output" Systems and their Circuits
 Design - Test - Make: 1000 Systems with 1 PCB using "SmartStart"

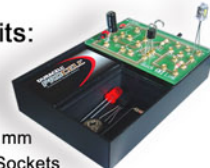
| SINGLE USER ORDER CODE (Including Data Projector Use) | PRICE | PT1SU | PT2SU | PT3SU | PT4SU |
|--|-------|-------|-------|-------|-------|
| | | £59 | £189 | £145 | £275 |
| SITE LICENCE ORDER CODE (schools < 800) | | PT1SL | PT2SL | PT3SL | PT4SL |
| | PRICE | £99 | £595 | £395 | £890 |
| SITE LICENCE ORDER CODE (schools > 800) | | PT1LL | PT2LL | PT3LL | PT4LL |
| | PRICE | £119 | £915 | £575 | £1370 |

(All prices exclude Postage & Packaging)

Hardware: PCBs / Project Kits / ...

SmartStart Modelling Kits:

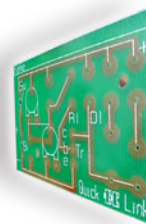
- Easy-to-assemble packs
- Case Material: Moulded in ABS
- PCB: FR4 Board Approx (60 x 40) mm
- Gold Plated High Quality Push-In Sockets
- Toggle SPST Switch + Wires + 1K Resistor
- Component Storage Tray: Moulded in Black ABS
- Power Connector: PP3 battery clip
 (Requires 9v Zinc Carbide Battery - not supplied)



| SMARTSTART KIT (x10) | ORDER CODE | 10SS |
|----------------------|------------|------|
| | PRICE | £149 |

FastTrack Generic PCB

- PCB Supports 1000 Systems
- PCB Material : Robust High Quality FR4
- Pre Drilled/Tinned/Legend/Solder Resist
- Dimensions Approx (60 x 40) mm
- Strain relief holes for switch and battery
- Mounting holes to locate board
- Defined space for learner name



| FASTTRACK PCB | ORDER CODES | PCB20 | 5PCB20 |
|---------------|-------------|-------|--------|
| | PRICE | £17 | £77 |
| | QUANTITY | (20) | (100) |

Focused Acorn Tasks - Class Packs

- Kit 1 - Latching Pressure Alarm**
 (Switch Trigger / SCR)
- Kit 2 - Moisture Content Sensor**
 (Potential Divider / Darlington Pair)
- Kit 3 - Hand Steady Tester**
 (Transistor / "Latching" Capacitor)



- Requires:
 - Project Tools "Acorn Tasks" Software Module
 - FastTrack Generic PCB Pack(s)

| | Kit 1 | Kit 2 | Kit 3 |
|-----------------------|--------|--------|--------|
| ACORN KIT ORDER CODES | AP1 | AP2 | AP3 |
| (20 sets) PRICE | £17.38 | £25.96 | £13.20 |
| ACORN KIT ORDER CODES | 5AP1 | 5AP2 | 5AP3 |
| (100 sets) PRICE | £79 | £118 | £60 |

Developer Designing Cards

(Managing Creativity
 and Design Ideas)



| DEVELOPER DESIGN CARDS CODES | DPUC | DPL |
|------------------------------|------|-----|
| PRICES | £17 | £16 |

"Out-of-the-Box" Packages

**SOFTWARE +
 HARDWARE
 SOLUTIONS**

**No.1
 Starter
 Demonstrator**



- SOFTWARE:** - Project Tools' Module PT1SU Included
 (Acorn Tasks - Single User Licence)
 - Getting Started Guide
- HARDWARE:** - "Acorn" Focused Projects 0,1,2,3
 - "SmartStart" Modelling Kit
 - Photocopiable Membrane Switch Template

**No.2
 Modeller
 Investigator**

**WITH
 PROJECT TOOLS
 SITE LICENCE
 (Acorn Tasks
 Module Free)**



- SOFTWARE:** - Project Tools' Modules Included: PT2LL
 (Circuits + Components / Acorn Tasks)
 - Getting Started Guide
- HARDWARE:** - "Acorn" Class Project Kits 0,1,2,3 (x10)
 - Acorn Project Subsystem Cards (x10)
 - "SmartStart" Modelling Kits (x10)
 - Photocopiable: Membrane Switch template;
 Testing Materials W-Sheet; Ruler template

**No.3
 Creator
 Developer**

**WITH
 PROJECT TOOLS
 SITE LICENCE
 (Acorn Tasks
 Module Free)**



- SOFTWARE:** - Project Tools' Modules Included: PT3LL
 (Systems + Components / Acorn Tasks)
 - Getting Started Guide
- HARDWARE:** - "Subsystem Extender/Developer Packs":-
 - Pack 1: Input Switch Triggers
 - Pack 2: Input Sensors/Detectors
 - Pack 3: Process Timers/Switches/Latches
 - Pack 4: Output Audible & Visible Devices
 - Pack 5: Output Mechanical Devices
 - Complete Laminated Designer Card Set
 - Component Ordering Codes Table

| No.1 ORDER CODE | OTTB 1 | + Software Upgrade to PT4SU (OTTB 1-UG) |
|-----------------|--------|---|
| PRICE | £89 | (£305) |

| No.2 ORDER CODE | OTTB 2 | + Software Upgrade to PT4LL (OTTB 2-UG) |
|-----------------|--------|---|
| PRICE | £980 | (£1436) |

| No.3 ORDER CODE | OTTB 3 | + Software Upgrade to PT4LL (OTTB 3-UG) |
|-----------------|--------|---|
| PRICE | £595 | (£1390) |