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With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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**4D SYSTEMS**  
*TURNING TECHNOLOGY INTO ART*

## 4D Programming Cable

**DATASHEET**

**Document Date: 5<sup>th</sup> September 2012**  
**Document Revision: 1.0**

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## 1. Description

4D Systems 4D Programming Cable is a USB to Serial TTL converter cable, used to program both Firmware/PmmC's and user application code into the range of 4D Systems' modules.

The use of the 4D Programming Cable is required when programming 4D System modules. Use of a 3<sup>rd</sup> party programming cable could damage your module, and therefore use of any programming cable or device other than those supplied from 4D Systems is discouraged and will **void your warranty.**



2. Drawing

|          |           |  |                |
|----------|-----------|--|----------------|
| Approval |           |  | RoHS compliant |
| Check    |           |  |                |
| Drawn    | Jack Chen |  |                |

1. Process Length

| Pin-out |       |
|---------|-------|
| Pin1:   | +5V   |
| Pin2:   | RX    |
| Pin3:   | TX    |
| Pin4:   | GND   |
| Pin5:   | RESET |

|     |                                 |       |
|-----|---------------------------------|-------|
| 1   | PCBA Semi-product               | 1SET  |
| 2   | HEADER 5Pin Female 2.54mm       | 1PCS  |
| 3   | 7/0.16*4C OD=5.0 L=1000MM black | 1PCS  |
| 4   | PE 7144                         | 18g   |
| 5   | 45P Black PVC                   | 10g   |
| NO. | Name of Material                | Usage |

|   |            |            |             |         |
|---|------------|------------|-------------|---------|
| <b>Product:</b><br><br>4D Programming Cable<br>(USB-Serial TTL CP2102 chip) | Sample No. | Client No. | Drawing No. |         |
|   | TLD-D-2005 | PS-3001    | T0030       |         |
|   | Unit       | Rate       | View        | Version |
|   | MM         | FREE       |             | A. 0    |
| 4D SYSTEMS<br>www.4dsystems.com.au  |            |            |             |         |



### 3. Ordering Information

#### ORDERING INFORMATION

**Order Code:** 4D Programming Cable

**Package:** 200mm x 140mm

**Packaging:** Antistatic Bag

### 4. Legal Notice

#### Proprietary Information

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