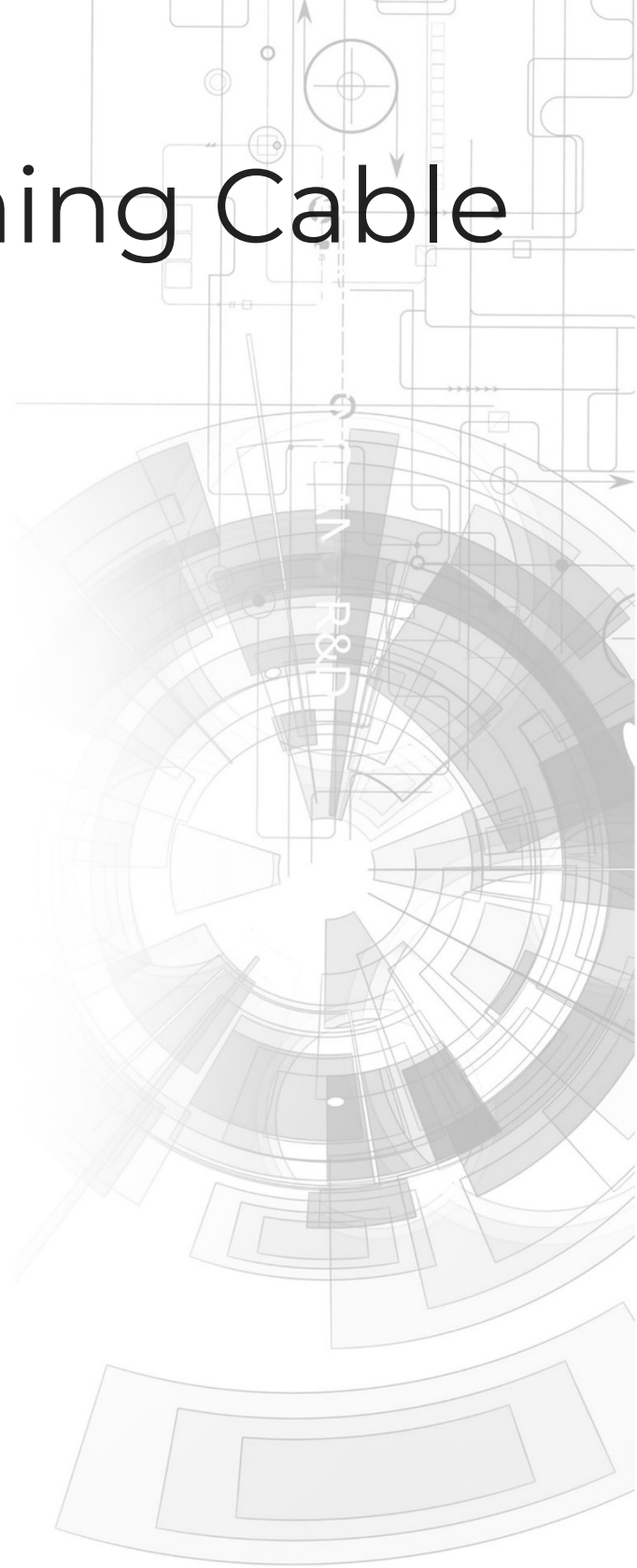


# 4D Programming Cable



## Datasheet

Revision 1.2

Copyright © 2023 4D Systems

Content may change at any time. Please refer to the resource centre for latest documentation.

# Contents

---

1. Description	3
2. Mechanical Dimensions	4
3. Revision History	5

## 1. Description

4D Programming Cable is a USB to Serial TTL converter cable, used to program both Firmware/ PmmCs 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 3rd party programming cable could damage your module, and therefore the use of any programming cable or device other than those supplied by 4D Systems is discouraged and will **void your warranty**.



## 2. Mechanical Dimensions

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>  4D Programming Cable (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 www.4dsystems.com.au				

### 3. Revision History



#### Hardware Revision

Revision Number	Date	Description
1.0	05/09/2012	Initial Public Release Version



#### Datasheet Revision

Revision Number	Date	Description
1.0	05/09/2012	Public Release Version
1.1	07/03/2019	Cosmetic Changes to 4D Programming Cable datasheet
1.2	13/01/2023	Modified datasheet for web-based documentation