

10-Pin Needle Adapter



Overview

The 10-Pin Needle Adapter connects a J-Link or Flasher to a PCB which does not come with a mating connector or programming header.

The 10-Pin Needle Adapter has been designed to connect J-Link or Flasher to a PCB which does not come with a mating connector or programming header. The designed pattern with 3 locating pins ensures that the adapter can only be connected in one way. The needle adapter allows manufacturers to save costs and space on their PCBs since there is no need to provide the PCB with additional connectors. It adapts from the standard 20-pin 0.1" connector to a 10-pin needle connector.

Pin out

The three locating pins ensure that the adapter cannot be connected to the PCB the wrong way. Moreover, the two "legs" on each side of the connector guarantee a stable and secure contact between pins and the PCB.

VTref	1 ●● 10	nRESET
SWDIO/TMS	2 ●● 9	TRST
GND	3 ●● 8	TDI
SWCLK/TCK	4 ●● 7	RTCK
5V-Supply	5 ●● 6	SWO/TDO

Key features

- No additional connector required on your PCB
- Very small footprint
- High reliability spring pins for secure connections
- Designed with 3 locating pins, so the adapter cannot be connected the wrong way
- No external power supply required! The 10-Pin Needle Adapter comes with the option to power the target hardware via J-Link or Flasher

Package content

- 10-Pin Needle Adapter with cable



Order number

8.06.04

Footprint

