

TC2030-CTX Plug-of-Nails[™] Cable

ARM Cortex 10-pin Cable with 6-Pin TC2030 Plug-of-Nails™ Connector.



(Illustration only – ULINK2 not included!)

Tag-Connect - Save Cost and Space on Every Board!

The TC2050-CTX and TC2030-CTL-NL are Plug-of-Nails™ Spring-Pin cables intended for ARM CORTEX SWD (Single Wire Debug) applications. Our patented Plug-of-Nails™ connectors plug directly to a tiny footprint of pads and locating holes in your PCB saving you cost and PCB space. The cable's ribbon connector plugs into the standard FTSH-105 style 10-pin Cortex Debug Connector as found in KEIL's ULINK2 and other CORTEX compatible debuggers.

Connections:

TC2030-NL

Cortex SWD

Comparison

10-Pin Cortex Debug Connector		6-Pin TC2030 Footprint
1 VCC 3 GND 5 GND 7 NC / RTCK 9 GNDDetect	2 SWDIO / TMS 4 SWCLK / TCK 6 SWO / TDO 8 NC / TDI 10 nRESET	1 VCC 2 SWDIO / TMS 3 nRESET 4 SWCLK / TCK 5 GND (also connected to GNDDetect) 6 SWO / TDO

Notes

Please refer to TC2030-IDC or TC2030-IDC-NL datasheets for details of the TC2030 footprints. See also our TC2050-ARM2010 20-pin ARM adapter for use with our TC2050-IDC series cables.

Visit www.Tag-Connect.com for technical support and product info.

TC2050-IDC Plug-of-Nails[™] Connectors are protected by U.S. Patent Nos. 7,878,834 & 8,057,248. International Patent Pending