Other Links

- Buy/Sample Options TC2030-MCP
- Contact Microchip
- Development Tool Selector
- Microchip Advanced Parts Selector (MAPS)

Tag-Connect In-Circuit Cable Legged Version Buy It Now

Part Number: TC2030 -MCP

Tag-Connect cables provide a simple, reliable means of connecting Debuggers and Programmers or other test equipment to your PCB's while lowering board costs and facilitating efficient production programming.

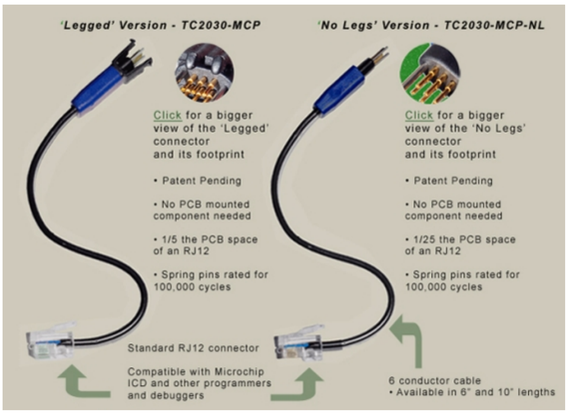
Tag-Connect uses a specially designed (Patent Pending) connector which eliminates the need for putting a programming header or other mating connector on every PCB. Instead, Tag-Connect uses tried and tested spring-pins rated for 100,000 operations to make a secure connection to a special footprint pattern of pads and locating holes on your PCB. The footprint can take up as little board space as 0.02 square inches (about the space needed for a couple of 0805 SMT resisitors) which means you can locate the footprint right next to the MCU if desired.

Features

ZERO Cost per Board!
No mating connector required on PCB!
Tiny footprint!
High Reliability Pogo Spring Pins for Secure Connection!
Rugged Design for Highly Repetitive Use!
Designed so it can only be inserted the correct way round!
Two versions both designed to cut your costs, save you time, and save space on your PCBs

Tag-Connect Legged cable (TC2030 -MCP) works like this:

Three locating pins align the connector's pins while four legs snap into the PCB holding it securely in place for a prolonged debugging or programming session. The other end of the cable terminates in a 6P6C modular plug and connects directly to your debugger or programmer.



Accessory: AC164111 PM3 ICSP RJ11 Adapter Buy Now

This adapter is designed to accommodate the transition from development to a production environment seamlessly. The adapter plugs into the 14-pin ICSP Insulation Displacement header on the MPLAB PM3 Programmer and provides an interface to which an RJ11 cable assembly (which is common to debugging environments) can be used. The RJ11 interface is the de-facto standard on most Microchip demonstration boards. Additionally, the adapter facilitates automation and program sequencing by providing a header footprint with PASS/FAIL and GO signals and LED indicators useful to programming line operators.

Downloads

Title	Date Published	Size	D/L
TC2030-MCP PCB Footprint	4/19/2010 1:53:21 PM	251 KB	