

# PIC16(L)F1939 Emulation Extension Pak



Part Number: AC244055

## Summary:

The PIC16(L)F1939 Emulation Extension Pak (Part # AC244055) is a cost effective in-circuit emulator system designed to assist with the most complex code debugging jobs. This advanced development/debugging tool includes an Emulation Header board, Trace Cable, Trace Adapter Board, and gold header pins, and is intended to be paired with MPLAB REAL ICE. It is the first in a series of Emulation [View More](#)





## Product Features

The PIC16(L)F1939 Emulation Extension Pak\* delivers advanced in-circuit debugging features:

- Hardware Instruction Trace\*\*
- 32 Runtime Data Watch points\*\*
- 32 Powerful Hardware breakpoints/trigger events: address/data, ranges, data-masking/comparison, in/out of ISR
- Runtime register reads/writes and breakpoints
- 4 Event Combiners: each combines 8 combinational or sequential events into a single event trigger
- Stack Snapshot
- Trigger In/Out
- Event breakpoints
- Breakpoints and other events can trigger without halting execution
- Stopwatch Cycle Counter
- Previous PC query
- Breakpoints, trace, stack snapshots, triggers, and event combiners use a common set of events for complex triggering

Trace adapter/cable\*\* and short gold SIP pins included.

\* Emulates PIC16(L)F1933/4/6/7/8/9 devices.

\*\* Requires MPLAB REAL ICE tool.



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