



- Uses same BPM qualified algorithm
- If you are interested in programming your devices in system and would like to learn more about our product, please visit:
bpmmicro.com/devicerequest
- Requesting support is simple and requires a few steps to start the process. Customers must complete the Device Request Form found on the BPM Micro website. Our engineering staff will evaluate the request and respond with a support proposal in a timely manner. We ask that you comply with the requirements listed on the website to expedite the support request process.
- Dimensions:
5.4" (L) x 4.9" (W) x 1.5" (H)
- Mass: 0.35 lbs.
- Pin Quantity: 56 I/O Pins
- Either 20 or 60 pin cable available.
- Warranty: 1 year hardware

ISP-PRO™ In-System Programming Module

What is In-System Programming?

In-System Programming allows you to program devices after they have been placed "on board" or in the "system." It's an alternative way to program devices over traditional off-line programming. It's also referred to as *In-Circuit Programming* or *On-Board Programming*.

A Production ISP Solution

BPM Microsystems has long been a leading provider of programming solutions. While known worldwide for off-line programming, BPM has the capability and experience of providing in-system programming solutions as well. Our single-site engineering and multi-site concurrent programmers are versatile tools that give the user the flexibility to accomplish either of these tasks using a single product. In conjunction with our high performance products and an experienced device support engineering team in place, we can offer a complete In-System Programming solution and service after the sale.

Our programmers can easily be connected to the board via a cable interface using the ISP-PRO socket module shown above. The programming provides the necessary signals through the socket module and cable interface to the appropriate pins on the board. The ISP-PRO module is designed with active circuitry to eliminate ground bounce and deliver high fidelity waveforms. As with other BPM socket modules, the ISP-PRO is also interchangeable across our programmer products.



Using the BPWin software, you can select the device algorithm, load the data pattern corresponding with our ISP-PRO socket module, set the required configuration settings and start programming the device in system. It's that simple!



BPM MICROSYSTEMS

5373 WEST SAM HOUSTON PKWY N., SUITE 250
HOUSTON, TEXAS 77041
T: 713.688.4600
T: 800.225.2102
F: 713.688.0920
WWW.BPMMICRO.COM