ICD-U64 In-Circuit Programmer/Debugger

Sku: 53505-852

Available Now!

NEW Even Faster ICD-U64

- 2x faster than ICD-U40 when loading a full PIC18F4520
- 3x faster than MPLAB®ICD 2 when single stepping in the debugger

ICD-U64 is a complete In-Circuit Programming and In-Circuit Debugging solution for Microchip's PIC® MCUs and dsPIC®DSCs. The ICD-U64 will replace the ICD-U40.

ICD-U64 debug support covers all targets that have debug mode when used in conjunction with CCS IDE Compilers. The unit also provides in-circuit serial programming (ICSP) support for all Flash chips.

The ICD-U64 connects to your PC via a USB port and can power your target board.

The ICD is powered from:
•The USB Bus
•Power a board at 5.0V by closing the jumper near the ICD jack inside the unit (The unit must be opened)

The new and improved CCSLOAD, programmer control software supports the ICD-U64 and offers many new key features including; powerful command line options in Windows/Linux, extensive diagnostics, easy to use production interface, and enhanced security options.

ICD-U64 can be paired with Tag-Connect, a cost saving production ICSP Programming cable that eliminate the need for a ICSP connector on your product. Tag Connect provides a direct pin-to-circuit connection, saving space on your PCB. The modular end works with existing ICD programmers as well as the ICD-U64.

Please note that CCS will support both ICD-U40 and ICD-S40 units for customers.