![Chipsmall logo]

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

## Contact us

# LOAD-n-GO Handheld Programmer

CCS SKU: 53503-814

## Supports Any Microchip PIC®MCU or Flash Device!

**LOAD-n-GO Handheld Programmer** allows for quick field programming of targets with up to four firmware images. The programming process is as easy as 1-2-3 with the LOAD-n-GO. Simply load the program into the LOAD-n-GO via the USB cable, disconnect from PC, connect your target and program!  LOAD-n-GO debug s upport covers all targets that have debug mode when used in conjunction with the C-Aware IDE Compilers.  LOAD-n-GO can be used with all 8-bit, 16-bit, or 32-bit Microchip PIC® MCU or Flash Devices.

### Remote Programming
This flexible, hand-held, self-contained programmer can be used for remote programming purposes.  With 2MB internal flash memory up to four separate programs can be stored on the LOAD-n-GO unit.  Simply connect the provided modular cable from the unit to the target board.  Use the on-board "Program Select" button to select the desired memory bank. One of the four Program LEDs will be illuminated to indicate the bank selected.  Press the "Load" button to program and the status LED will begin flashing to indicate the program is loading.  No additional software required or needed.  When program is complete, the LED will stop flashing and turn green when successful!  It's that easy!

### In-Circuit Serial Programming & Debugging
For use as a In-Circuit Serial Programmer simply connect LOAD-n-GO to a PC and using the the provided *CCSLOAD* Programmer Control Software just select "ICSP" from the main menu.  Programming is effortless: Select the program to be placed in the selected memory bank, verify the file (and that the target device is shown) and click 'Burn Chip'!  Nothing to it!  LOAD-n-GO can also function as an In-Circuit Debugger if using the CCS C-Aware IDE Compiler with Real-time Advanced Debugging!

### Power Options
LOAD-n-GO can be used on 4 AA battery power or with the provided 9V DC adapter.  If using with battery power, the unit will conserve battery life with an auto-shutoff feature if not used for 5 minutes.  Programs will be saved even through power-down or auto-shutoff.  The LOAD-n-GO can be used to provide 5V, 3.3V or 2.5V to the target board by inserting a shunt jumper on the LOAD-n-GO circuit board. For access to these jumpers, the case needs to be opened by removing the 4 screws on the back of the case. The location of these jumpers are marked on the circuit board.

### Specifications
- 2 MB Internal Flash for Storing up to Four Separate Programs
- CCSLOAD Software Allows for Ease of Loading Firmware and Programming
- ICSP cable terminated with RJ-12 connector for target programming
- USB Cable for Plug-n-Play PC connections
- Drivers available for Linux and Windows (32 or 64-bit)
- ROHS compliant
- Dimensions: 3¼" x 5½" x 1¼"

### About CCS
Established in 1996, CCS is a leading worldwide supplier of embedded software, and hardware development tools, that enable companies to develop premium products based on Microchip PIC®MCU and dsPIC® DSC devices.  CCS C Compilers are the most advanced, highly developed and most widely used compiler in the industry. These compilers include a generous library of built-in functions, pre-processor commands, and ready-to-run example programs to quickly jump-start any project. CCS IDE C compiler products provide a unique Profiler Tool to track time and usage information for use on functions, code blocks, as well as receiving live data from running programs.  Complete proven tool chains include a full line of programmers and debuggers, application specific hardware prototyping boards, and software development kits.  CCS is also a leading provider of electronic engineering services for embedded software development, R&D support, hardware design, and custom electronic products that adhere to our client's high-quality standards.