

# ELPROTRONIC Flash Programmers



This product is RoHS compliant.



MCU / MPU / DSP

Elprotronic

## FLASH PROGRAMMERS FOR MSP430 MICROCONTROLLERS FROM TI

### FlashPro430

Includes USB-FPA-4.x adapter (RoHS), USB cable, JTAG/Spy-Bi-Wire/BSL Ribbon cable, CD with software and documentation. Each adapter contains an access key - STD, LJB..etc. Access key can be upgraded via email at any time.

#### Standard software versions STD and UNIV

FlashPro430 software (GUI) with serialization and script-file commands. MSP430.dll for debugging, Multi FPA API-DLL for remote control from external software. Supports communication via JTAG/Spy-Bi-Wire and BSL. Multi-FPA API-DLL demo with source code written in Visual C++..net, Visual Basic.net, LabVIEW and DOS. Command line interpreter.

#### Lite software versions (LJB, LJ, LB)

FlashPro430 software (GUI) without serialization and without script-file commands. MSP430.dll for debugging. Supports communication via JTAG/Spy-Bi-Wire and BSL (LJB), via JTAG/Spy-Bi-Wire (LJ) or via BSL only (LB).



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For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Elprotronic Part No.	Description	Price Each
<a href="#">715-USBMSP430FPASTD</a>	USB-MSP430-FPA-STD	JTAG/SBW & BSL - Standard Software Version	299.00
<a href="#">715-USBMSP430FPALJB</a>	USB-MSP430-FPA-LJB	JTAG/SBW & BSL - Lite Software Version	219.00

### GangPro430

Includes USB-FPA-5.0 adapter (RoHS), USB cable, JTAG/Spy-Bi-Wire/BSL ribbon cable, CD with software and documentation. Software GangPro430 (access to up to six target devices) and FlashPro430 (one target device only) with serialization and script file commands, Multi-FPA API-DLL for remote control from external software and MSP430.dll for debugging. Multi-FPA API-DLL demo with source code written in Visual C++..net, Visual Basic.net, LabVIEW and DOS.

Each adapter contains an access key - JB (JTAG/Spy-Bi-Wire/BSL) or J (JTAG/Spy-Bi-Wire). Access key can be upgraded from J to JB via email at any time. Note: The Gang Splitter is not included in the GangPro430 programmer's package. Order it separately if required.



RoHS Compliant

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MOUSER STOCK NO.	Elprotronic Part No.	Description	Price Each
<a href="#">715-USBMSP430FPAGANG</a>	USB-MSP430-FPA-GANG-JB	JTAG/SBW & BSL Software Version	339.00

### Gang Splitter

Gang Splitter with ribbon cables for the GangPro430 Programmer. Simplify connection between Gang programming adapter and six target devices. Supports JTAG, Spy-Bi-Wire and BSL interface.



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MOUSER STOCK NO.	Elprotronic Part No.	Description	Price Each
<a href="#">715-PE014X02</a>	PE014X02	Gang Splitter for GangPro430	38.00

## FLASH PROGRAMMERS FOR CHIPCON CCXXMCU - CHIPCON PRODUCTS FROM TI

### GangPro-CC

Includes USB-FPA-5.0 (RoHS) adapter, GangPro-CC Splitter, six SoC/Debug 10-wires ribbon cables, CD with software and documentation. Software GangPro-CC (access to up to six target devices) and FlashPro-CC (one target device) with IEEE addressing, serialization and script-file commands, Multi-FPA API-DLL and command line interpreter for remote control from external software. Multi-FPA API-DLL demo with source code written in Visual C++..net.



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For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Elprotronic Part No.	Description	Price Each
<a href="#">715-GANGPRO-CC-STD</a>	GangPro-CC-STD	Gang Programmer for TI's Chipcon MCU	339.00

### FlashPro-CC

Includes USB-FPA-4.x (RoHS) adapter, USB cable, SoC/Debug 10-wires ribbon cable, CD with software and documentation. Each adapter contains an access key-LITE or STD. Access key from the LITE to STD version can be upgraded via email at any time.

#### Standard software versions (STD)

FlashPro-CC software (GUI) with IEEE addressing, serialization and script-file commands. Multi-FPA API-DLL and command line interpreter for remote control from external software. Multi-FPA API-DLL demo with source code written in Visual C++..net.



RoHS Compliant

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Elprotronic Part No.	Description	Price Each
<a href="#">715-FLASHPRO-CC-STD</a>	FlashPro-CC-STD	Standard Software Version	299.00

## FLASH PROGRAMMERS FOR C2000 MCU FROM TI

### FlashPro2000

Includes USB-FPA-4.x (RoHS) adapter, USB cable, FPA to JTAG adapter, 14-wires ribbon cable, FPA to SCI-BOOT adapter, 10-wires ribbon cable, CD with software and documentation. Each adapter contains an access key - LITE or STD. Access key from the LITE to STD version can be upgraded via email at any time.

#### Standard software package (STD)

FlashPro2000 (PN: FP2000-STD): Hardware as above, software (GUI) with serialization and script-file commands. Multi-FPA API-DLL and command line interpreter for remote control from external software. Multi-FPA API-DLL demo with source code written in Visual C++..net.



RoHS Compliant

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Elprotronic Part No.	Description	Price Each
<a href="#">715-FP2000-STD</a>	FP2000-STD	Hardware plus Standard Software Version	299.00