C-GANG Low-Cost Gang Programmer

28/10/2026
For the most up-to-date information, visit mouser.com or the manufacturer's website.

DESCRIPTION



Texas Instruments C-GANG Low-Cost Gang Programmer from Elprotronic can program up to six identical targets at once. This compact standalone gang programmer combines high programming performance with a small footprint and low cost. The C-GANG programmer runs in standalone and PC-interactive programming modes utilizing a USB Type-C® connection. This device programmer features 1.65V to 5V VCC, a programmable target clock from 1MHz to 15MHz, and up to 1Mbyte per second programming speed. The C-GANG supports loading additional images or larger files from an insertable MicroSD card.

The C-GANG programmer is compatible with a variety of TI microcontrollers, including the MSPM0, MSP430, and C2000 devices. The standard C-GANG programmer includes only an unassembled splitter board without target connectors, providing a universal platform for designing custom programming adapters. Typical applications include industrial automation, building automation, power delivery, medical devices, appliances, and automated door and gate systems.

FEATURES

- Program up to six targets simultaneously
- CLI, C++, C#, and LabView support and connect up to 64 programmers to one PC
- Run in Standalone and PC-interactive programming modes utilizing USB-C® connection
- VCC (1.65V to 5V), and programmable 1MHz to 15MHz target clock, up to 1Mbyte per second programming speed
- Option to load more images or larger files from an insertable MicroSD card

The information contained in this document should be used as a guideline only.

APPLICA TIONS

- Industrial
- Automated door and gate systems
- Appliances
- Power delivery
- Building automation
- Medical devices

KIT CONTENTS

- C-GANG programmer
- C-GANG gang splitter board
- USB cable
- Flat ribbon cable

OVERVIEW



MOUSER PART NUMBER

View Part

To learn more, visit **https://www.mouser.com/en/new/texas-instruments/ti-c-gang-mcu-programmer/**

The information contained in this document should be used as a guideline only.