



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!



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Part Number TDGL025 - chipKIT Cmod Development Board



The chipKIT™ Cmod is a development board in the chipKIT Platform line of tools from Digilent. It combines a Microchip® PIC32MX150F128D microcontroller with a convenient 600-mil, 40-pin DIP package and two Digilent Pmod connectors. This Cmod board is ideally suited for breadboards or other prototype circuit designs where the use of small surface mount packages is impractical. This little board takes advantage of the powerful PIC32MX150F128D microcontroller, which features a 32-bit MIPS processor core running at 40 MHz, 128K of flash memory, and 32K of SRAM data memory.

The board provides everything you need to start developing embedded applications using any of the chipKIT-compatible IDEs, but in addition, the chipKIT Cmod is also fully compatible with Microchip's MPLAB® X IDE. Note, however, that to develop embedded applications using MPLAB X, a separate device programmer/debugger, such as the Digilent chipKIT PGM (TDGL015) or the Microchip PICkit™3 Programmer (PG164130) is required.

Features:

- PIC32MX1xx
- 128KB Flash
- 32KB RAM
- 50 MHz operating speed
- PPS, two SPI, two I2C, and two UART connectors
- 13 channel 10-bit ADC
- 33 available I/O pins
- 3.3V operating voltage
- 13 analog inputs
- Two 12-pin Pmod connectors
- Convenient 600-mil 2x20-pin DIP package
- Two user LEDs
- Programmable with MPIDE
- Also programmable with MPLAB IDE (with the addition of the PICkit 3 in-system programmer/debugger)