PIC12F683 Development Kit

This development kit contains everything you need to begin development with Microchip's PIC® PIC12F683 MCU. Along with a prototyping board, it includes the powerful PCW Integrated Development Environment with compiler support for Microchip's PIC® PIC10, PIC12 and PIC16 families and an ICD-U64 in-circuit programmer/debugger that supports C-aware real time debugging. The prototyping board features an 8-pin PIC12F675 connected to two potentiometers, a pushbutton, three LEDs, an RS-232 level converter and an ICD connector.

This Low Pin-count (8) PIC® Flash microcontroller offers on-chip EEPROM Data Memory, nanoWatt Technology, an analog comparator module with a single comparator, and a programmable on-chip voltage reference. This chip also comes with a Precision internal oscillator, software selectable BOR, and extended WDT.

The PIC12F683 Prototyping Board (Size: 3" x 1.75") includes:

- PIC12F683 and PIC12F683-ICD
- 6 I/O Pins (4 Can Be Analog)
- Two Potentiometers
- One Pushbutton
- Three LEDs
- RS-232 Level Converter
- ICD Jack
- Two switches

The PIC12F683 Development Kit includes:

- PIC12F683 Prototyping Board
- In-Circuit Debugger/Programmer
- Breadboard
- Parts box with:
  - 12F683 8-pin chip
  - Jumpers (wires)
  - Two 10K Ohm 1/4W resistors
  - IC Extractor
  - Thermistor resistor
  - Pushbutton switch
  - Green 5V LED
  - Red 5V LED
  - Yellow 5V LED
- Exercise Tutorial
- 9V AC Adapter and Cables