

FEZ Cerb40

Part #: GHI-FCERB40-353



Description

FEZ Cerb40 is 100% open source hardware board that combines the [FEZ Cerberus](#)' 32-bit 168Mhz processor and core software on a very small circuit board, in a DIP40 format. This board is ideal for low-production run and for easy prototyping. Developers normally start with FEZ Cerberus mainboard for easy plug-and-play and then later use FEZ Cerb40 to live permanently in a product.

Whether using .NET Gadgeteer, .NET Micro Framework or even use native programming, developers will enjoy the benefits from FEZ Cerb40.

Key Features:

- .NET Micro Framework 4.2 (supporting C# and Visual Basic)
- 168Mhz 32bit STM32F4 processor with floating point.
- 1MB FLASH and 192KB RAM.
- Runs FEZ Cerberus software.
- Very compact yet exposing 36IOs.
- Software and hardware support, but not limited to, PWM, AnalogIn, AnalogOut, UART, SPI, I2C, USB Client, USB Host.
- Ultra small, 2.0 x 0.75 inches.

Power

- Runs off single 3.3V power source.
- Low power and hibernate modes
- Active power consumption TBD
- Idle power consumption TBD
- Hibernate power consumption TBD

Environmental:

- Operating temperature: TBD
- RoHS compliant /Lead-free compliant

This product is for users with hardware and soldering experience. Software developers can use [FEZ Cerberus](#).