



QB-V850ESKG2-TB (Discontinued product)

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Overview

Documentation

Design Support



Target Devices

* The status indicated in the bracket () refers to the tools and software products.



V850 Family

Overview

As a CPU board usable in connection with the on-chip debugging emulator E1 or MINICUBE2, this product achieves simple and easy evaluation of the target MCU.

Features

- Built-in V850ES/KG2 (μ PD70F3732GC) MCU with 256KB flash memory and 16 KB RAM.
- Operation of 20 MHz system clock (5 MHz oscillator used).
- Equipped with maximum 84 I/O ports
- Both flash memory programming and on-chip debugging supported (SI00/SO00/SCK00/PCMD pins)
- Simple testing possible with 2 LEDs and 1 SW
- Equipped with universal area (2.54mm pitch)
- MCU pins assigned to the peripheral board and connector for higher expandability
- Lead-free (Pb-free)
- Operating voltage 2.7V-5.5V, operatable on 2 batteries

Connection with The E1 Emulator

The CPU board is provided with a 16-pin/2.54mm pitch connector for the connection with MINICUBE2. Connecting it to the E1 emulator, whose user interface cable has a 14-pin/2.54mm pitch connector, requires the optional adapter QB-F14T16-01 (See [here](#) for the details) .

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