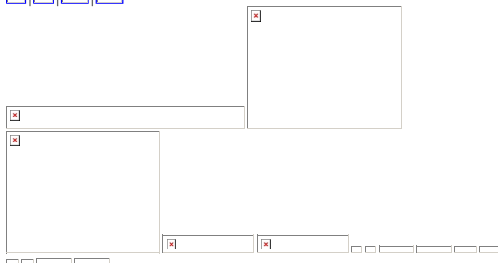


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ROE530650MCU00

ROE530650MCU00

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Tool Stock and Availability

Please contact your distributor for the orderable part number for this device.

Target Devices

- M16C Family M16C/60 Series
 - M16C/65 Group
 - M16C/64A Group



Overview

The MCU unit is a MGD-dependent hardware tool for the E100 emulator. Connecting it to the E100 emulator main unit allows you to configure a debugging environment for you. It is easy for the user to replace.

Setup image	Set package
<input type="button" value="Set up..."/>	Set packages for various groups, which include the E100 main unit, MCU unit and accessories are also available. Please see Set package for further details.



Components

- MCU unit (ROE530650MCU00)
- Flexible cable (Mounted on the MCU unit)
- 20MHz oscillator module (Mounted on the MCU unit)
- CD-ROM (M16C E100 emulator software)
- M16C R8C E100 emulator debugger (Including [High Performance Embedded Workshop](#))
- Auto-update utility
- User's manual



Specifications

Applicable emulator	E100
Supported MCUs	M16C/60 Series M16C/65, M16C/64A Group MCUs with up to 792KB program ROM
Applicable MCU mode	Singlechip mode, memory expansion mode, microprocessor mode
Maximum ROM/RAM capacity	(1) Internal flash ROM : 792KB 0E000h-0FFFFh : Data flash (8KB) 10000h-13FFFFh : Program ROM2 (16KB) 40000h-FFFFh : Program ROM1 (768KB) (2) Internal RAM : 47KB 00400h-0BFFFFh
Emulation memory	1MB (allocates to 4 blocks by 4KB) 12MHz or less : 0wait, More than 12MHz : 1wait
Maximum operating frequency	Power supply voltage : ±2.25[V] 32MHz (with PLL)
Emulator power supply	Supplied from the DC power of the emulator



Connecting to the User System



* These converter boards come with an IC socket (NOPACK) to mount the user system. For the details, please refer to the user's manual of each converter board.



Related Resources

[Two Combinations of the E100 Emulator, the MCU Unit for the M16C/65, M16C/64A Group, and an Converter Board Released \(Feb. 16, 2009, Tool News\)](#)

[An MCU Unit for the E100 Emulator ROE530650MCU00 Released \(for the M16C/65 group\) \(Feb. 1, 2009, Tool News\)](#)

[M16C R8C Emulator Software Revised to V.1.01 Release 00 \(Feb. 1, 2009, Tool News\)](#)

[OS compatibility of Software Tools \(Windows 10\) Related Info Updated at each time](#)

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