

FUJITSU SEMICONDUCTOR

2006.5 (Product Guide-Extract)

Support Tools

FR Family Evaluation board (BBF2004) Sun Hayato

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THE POSSIBILITIES ARE INFINITE

32-bit FR Family Support Tools

• Product configuration

Main board

Part number	Description
BBF2004-MB	<ul style="list-style-type: none"> - Locating signal check pin to all terminals - Capability of changing input voltage to analog input terminal AN0 (by variable resistor) - Function of LED lightning for output port (P00 to P17) - Evaluate the capability of communication between PC and microcomputer with UART (mounted DSUB 9pin is possible.) - Can be use the serial programmer made by FUJITSU - Can be use the serial programmer made by Yokogawa Digital Computer corp.

Daughter board

Part number	Description	Target microcontroller	Usage
BBF2004-FR64CAN-NB	NQPACK type (0.65 mm pitch, □12 mm × 12 mm)	MB91265 series	Evaluation board connectable with (In Circuit Emulator) tool. Board for writing and evaluating a microcomputer with a built-in Flash memory.
BBF2004-FR100SCL-NB	NQPACK type (0.50 mm pitch, □14 mm × 14 mm)	MB91280/270 series	
BBF2004-FR144SCL-NB	NQPACK type (0.50 mm pitch, □20 mm × 20 mm)		

*: Includes CAN transceiver and LIN transceiver

Main board + Daughter board

Part number	Description	Target microcontroller	Usage
BBF2004-FR64CAN-NS *	Main board + NQPACK type (0.65 mm pitch, □12 mm × 12 mm)	MB91265 series	Evaluation board connectable with (In Circuit Emulator) tool. Board for writing and evaluating a microcomputer with a built-in Flash memory.
BBF2004-FR100SCL-NS *	Main board + NQPACK type (0.50 mm pitch, □14 mm × 14 mm)	MB91280/270 series	
BBF2004-FR144SCL-NS *	Main board + NQPACK type (0.50 mm pitch, □20 mm × 20 mm)		

*: The daughter board includes CAN transceiver and LIN transceiver.

Target microcontroller

Series name	Package (lead pitch, body size) (mm)
MB91265 series *	LQFP-64 (0.65 mm pitch, □12 mm × 12 mm)
MB91270 series *	LQFP-100 (0.50 mm pitch, □14 mm × 14 mm)
MB91280 series *	LQFP-144 (0.50 mm pitch, □20 mm × 20 mm)

*: Includes CAN transceiver and LIN transceiver

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