

EF38B7F-100G User's Guide

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1. General Description

EF38B7F-100G is a Flash MCU programming adapter designed for the programmer main unit, EFP-I. The adapter (EF38B7F-100G) installed on the top of the programmer (EFP-I) allows user to program Mitsubishi 8-bit Flash MCUs, specifically for 38B7 Group MCUs. The adapter is equipped with a 100-pin IC socket supporting 100-pin 0.65mm QFP package (Type No: 100P6S-A).

Figure 1.1 shows the adapter appearance.

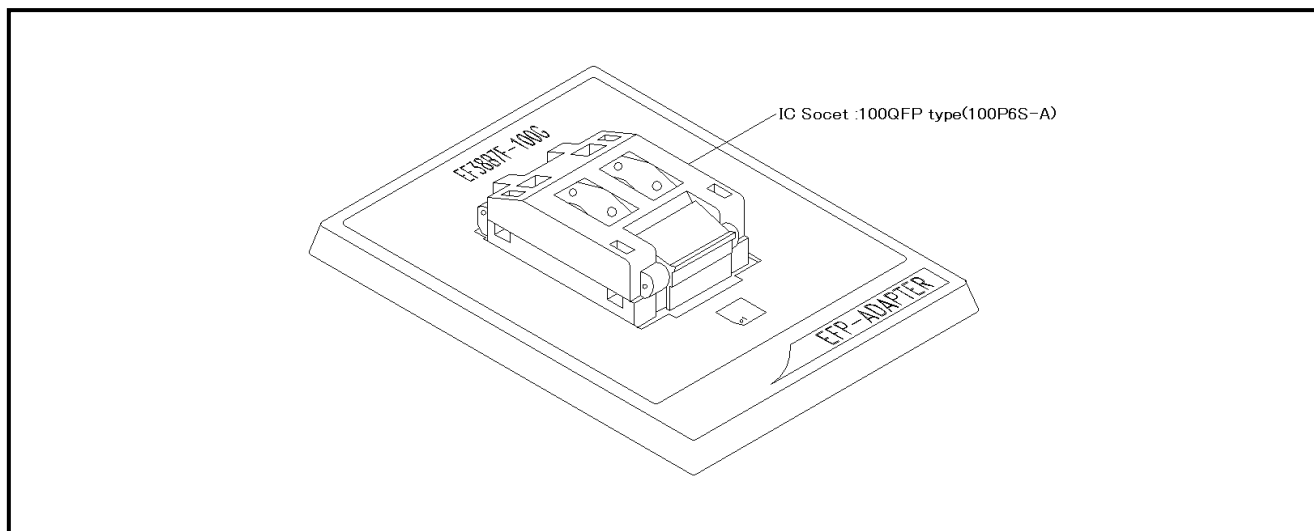


Figure 1.1: Appearance of EF38B7F-100G

2. MCU Insertion Method

To program the MCU, the MCU must be mounted on the socket. The MCU orientation must be properly matched to the socket. Figure 2.1 shows the location of pin No. 1 on the socket. Incorrect MCU insertion may damage the MCU.

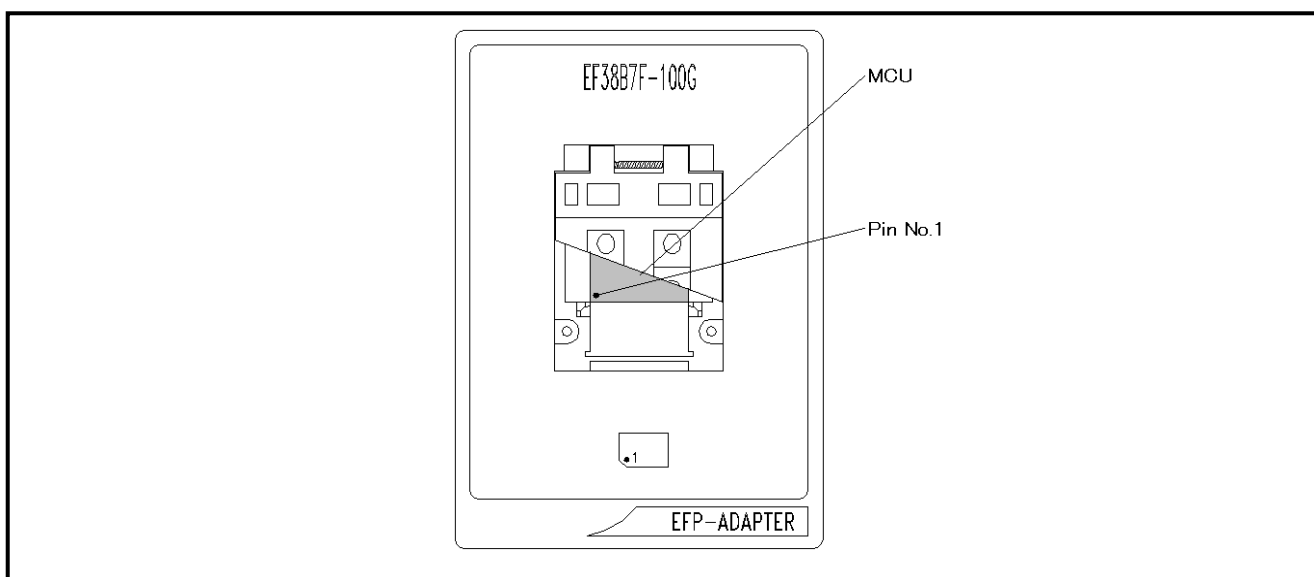


Figure 2.1: Pin Orientation of The socket

3. Specifications

Specifications of the EF38B7F-100G are listed in Table 3.1.

Table 3.1: EF38B7F-100G Specifications

MCU Type	Memory Type	Corresponding MCU Name	Program Memory Area
M38B7xFF	Flash memory	M38B79FFFP	1000H-FFFFH
Remarks · Operation clock: 2MHz (Supplied from ceramic oscillator on EF38B7F-100G) · Power source: Supplied from EFP-I			

4. Socket Cleaning

To prevent faulty connection between the socket and MCU, periodical socket junction cleaning is recommended, especially junctions that contact to the MCU pins.