Defect Report on EFP-RC Firmware

Subject	Notice of Protect Command Defect When Using EFP-RC				
Product	EFP-RC		Number	A07D04-03	

Object Lot	EFP-RC Firmware
	-Ver.3.03.04
	  (Main Unit Serial No 5G00085 or before)
	-Ver.4.01.04
	  (Main Unit Serial No 5H00086 or later)
		Date	April.4,2007	**Rev.**	C

< Defect Information >

If a protect command "Y" is executed after written into 8BitQz-ROM microcomputer, "FE" is written in "FFD8" address without being protected.

  QzRom Microcomputer: It also includes cases in which 3803,38D2, and 38D5 are used with the setting of t=12:M37545Gxxx, t=13:M37546Gxx, t=14:M37547Gxx, t=15:M385xxGxxt=12 to 15.
    (It is indicated by MCU type.)

< Cause of Defect and Influence >

In Protect command "Y" in the firmware (execution program in EFP-RC), protect address "FFDB" was wrongly stated as "FFD8" and "FE" data was written in

 Status when "Y" command is being executed (by being written into "FFD8")
 - In case written date is "FF", "FE" is to be written in. (Refer to below ii).)
 - In case written date is "FE", "FE" is being kept. (No influence)
 - In case written date is other than the above, write error (5001) will occur.

Influence:
i) As it is not written in "FFDB" address, protection function does not get valid.
ii) As "FE" is written in "FFD8" address,
  M37545G: It influences correction value of voltage reduction detection function.   If this function is not yet used,
                    there is no influence.
  M37546G/7G: Setting of "FSROM2"("FFDA" address) gets valid.
  M37548G/G9: Voltage reduction detection function gets invalid.
  M3803xG,M3850AG,M3858xG,M38D2xG,M38D5xG: There will be influence if "FFD8" address is used as user field.

< Countermeasure Information>

If Ver3.03.04 or before: Please upgrade to Ver.3.04.00.
If Ver4.01.04 or before: Please upgrade to Ver.4.02.00.
 (Version is displayed with left cursor key after power is turned on.)
If downloading causes you any inconvenience or you have any queries, please contact our Technical Support staff by e-mail.

The countermeasure software will be delivered to you by e-mail, with a floppy or with   a CD-ROM. Please contact us for the delivery service.

Technical Support   e-mail: support@suisei.co.jp

Suisei Electronics System Co., Ltd.