

TECHNICAL BULLETIN

[Issue No.] T30-0007

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[Title] Production Discontinuation of Flash Memory Cards for QnA/QnASCPU [Date of Issue] Aug. '01

[Relevant Models] Q1MEM-256SF, Q1MEM-512SF, Q1MEM-1MSF, Q1MEM-2MSF

Thank you for your continued support of Mitsubishi's MELSEC QnA Series.

The production of the following products for QnA/QnASCPU will be discontinued.

1. Discontinued models

Item	Type
Memory Card for QnA/QnASCPU (RAM+Flash memory)	Q1MEM-256SF
	Q1MEM-512SF
	Q1MEM-1MSF
	Q1MEM-2MSF

2. Production discontinuation

Order deadline July 31, 2002
The final production August 31, 2002
The final shipment August 31, 2002

3. Reasons for production discontinuation

Some parts of the above products are now obsolete.
Therefore, we will have difficulty to maintain the production system and product quality.

4. Repair acceptance

The final repair acceptance is August 31, 2009 (For 7 years after production discontinuation)

5. Substitution model

Discontinued model			Substitution model		
Type	Memory capacity		Type	Memory capacity	
	SRAM	Flash		SRAM	E2PROM
Q1MEM-256SF	128kB	128kB	Q1MEM-256SE	128kB	128kB
Q1MEM-512SF	256kB	256kB	Q1MEM-512SE	256kB	256kB
Q1MEM-1MSF	512kB	512kB	Q1MEM-1MSE	512kB	512kB
Q1MEM-2MSF	1MB	1MB	Q1MEM-1MSE	512kB	512kB
			Q1MEM-2MS	2MB	-

Refer to the following page for details on differences, and so forth.

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Differences between flash memory card and E2PROM/SRAM card

Item		Discontinued model	Substitution model	
		Flash card Q1MEM- 256/512/1M/2MSF	E ² PROM card Q1MEM-256/512/1MSE	SRAM card Q1MEM-2MS
File writing method	GX Developer	Write a file using "Disc image data" function of general Card UT97/NNT software on a personal computer.	Mount the card on the CPU. Then, write a file (PC writing) with GX Developer.	
	GPPQ	Write a file using memory card writer	Mount the card on the CPU. Then, write a file (PC writing) with GPPQ,.	
File protection method		Protection switch setting is not required, since CPU writing is disabled.	Turn the protection switch on to prevent the CPU from miswriting.	
Maximum Number of file writing		100000	10000	No limitation
Data backup		Battery not required	Battery not required	Battery required
Specified drive		Drive 2/4	Drive 2/4	Drive 1/3 *1
Related special relay		SM603 Drive 2 present flag/No drive 2 flag SM623 Drive 4 present flag/No drive 4 flag	SM603 Drive 2 present flag/No drive 2 flag SM623 Drive 4 present flag/No drive 4 flag	SM602 Drive 1 present flag/No drive 1 flag SM622 Drive 3 present flag/No drive 3 flag
Related special register		SD603 Drive 2 capacity SD623 Drive 4 capacity	SD603 Drive 2 capacity SD623 Drive 4 capacity	SD602 Drive 1 capacity SD622 Drive 3 capacity

*1 : It is necessary to change file access instructions (QDRSET, QCDSET) to specify the drive, as well as parameters (PC file setting, boot file setting).