

TECHNICAL BULLETIN

[Issue No.] T99-0066

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[Title] Transition to RoHS compliant products
(Communication LSIs for CC-Link master station, etc.)

[Date of Issue] Nov., '05

[Relevant Models] A6GA-CCMFP1N60F, A6GA-CCMFP1N300F,
A6GA-CCBIFN32F, A6GA-CCBIFN160F,
Q6KT-NPC2OG51

Thank you for your continued support of Mitsubishi CC-Link dedicated communication LSIs. In order to make the communication LSIs (for CC-Link master station, etc.) and device kit compliant with the RoHS directive, production of the current models will be as follows

1. Production of current models

1.1. Models to be discontinued

- Communication LSI for CC-Link master/local or intelligent device station, MFP1
- Communication LSI for 2-port memory interface used for CC-Link master/local station, PC96001M

1.2. Models to be replaced with RoHS compliant products

- CC-Link Ver.2 device kit

2. Models to be discontinued

2.2. Models to be discontinued

Product name	Model name	Remarks
Communication LSI for CC-Link master/local or intelligent device station, MFP1	A6GA-CCMFP1N60F	60 pieces/package
	A6GA-CCMFP1N300F	300 pieces/package
Communication LSI for 2-port memory interface used for CC-Link master/local station, PC96001M	A6GA-CCBIFN32F	32 pieces/package
	A6GA-CCBIFN160F	160 pieces/package

2.2. Schedule

Order acceptance and production discontinuation: Up to February 28th, 2006

2.3. Reasons for discontinuing production

We have been promoting the transition to RoHS compliant products to contribute to environmental conservation. Therefore, it has been decided to discontinue the production of the conventional CC-Link dedicated communication LSI models and to replace them with alternative models that are compliant with the RoHS directive.

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2.4. Alternative models

Alternative models (RoHS compliant products) can be identified by the suffix (underlined) of the product name.

Product name	Model name	Remarks
Communication LSI for CC-Link master/local or intelligent device station, MFP1 <u>N</u>	A6GA-CCMFP1NN60F	60 pieces/package
	A6GA-CCMFP1NN300F	300 pieces/package
Communication LSI for 2-port memory interface used for CC-Link master/local station, PC96001M- <u>A</u>	A6GA-CCBIFNN32F	32 pieces/package
	A6GA-CCBIFNN160F	160 pieces/package

- Order acceptance: From December 1st, 2005
- Shipment: From February, 2006

2.5. Precautions for using alternative models

- (1) The pin-outs and electrical characteristics of the alternative models are identical with the discontinued ones. Therefore, there is no need for any modifications.
- (2) When using an alternative communication LSI for CC-Link master/local or intelligent device station (MFP1N), it is recommended to read the reference manual.

3. Models to be replaced with RoHS compliant products

3.1. Relevant models

Product name	Model name	Remarks
CC-Link Ver.2 device kit	Q6KT-NPC2OG51	<ul style="list-style-type: none">• 40 pieces/package• The kit includes Flash ROM CPLD (LC4512V-75T176C, LC4032V-75T48C)

3.2. Schedule

Transition to alternative models is scheduled to start in February 2006.

3.3. Reason for transition

We have been promoting the transition to RoHS compliant products to contribute to environmental conservation. Therefore, it has been decided to replace conventional CC-Link Ver.2 device kits with RoHS compliant models.

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Q6KT-NPC2OG51

3.4. How to differentiate the RoHS compliant products from older models

The RoHS compliant products can be identified as follows

- Flash ROM: Serial number printed on the sticker on the LSI
Old: BKO-C11292H01
New: BKO-C11401H01
- CPLD: Serial number engraved on the LSI surface
Old: 75T
New: 75TN

3.5. Precautions for using RoHS compliant products

- (1) The pin-outs and electrical characteristics of the alternative models are identical with the discontinued ones.
Therefore, there is no need for any modifications.
- (2) When using alternative models, it is recommended to read the reference manual.