

# TECHNICAL BULLETIN

[Issue No.] T99-0064

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[Title] Production discontinuation of conventional CC-Link dedicated communication LSI models due to transition to lead-free/RoHS compliant products

[Date of Issue] June, '05

[Relevant Models] A6GA-CCMFP2AN60F, A6GA-CCMFP2AN300F, A6GA-CCMFP2N60F, A6GA-CCMFP2N300F, A6GA-CCMFP3N60F, A6GA-CCMFP3N300F

Thank you for your continued support of Mitsubishi CC-Link dedicated communication LSIs. Due to compliance to the lead-free RoHS directive, production of the following models will be discontinued.

## 1. Models to be discontinued

Product name	Model name	Remarks
Communication LSI for CC-Link remote I/O station, MFP2A	A6GA-CCMFP2AN60F	60 pieces/package
	A6GA-CCMFP2AN300F	300 pieces/package
Communication LSI for CC-Link remote I/O station, MFP2	A6GA-CCMFP2N60F	60 pieces/package
	A6GA-CCMFP2N300F	300 pieces/package
Communication LSI for CC-Link remote device station, MFP3	A6GA-CCMFP3N60F	60 pieces/package
	A6GA-CCMFP3N300F	300 pieces/package

## 2. Schedule

- Order acceptance: Through October 28th, 2005
- Production: Through December, 2005

## 3. Reasons for discontinuing production

We have been promoting the transition to lead-free/RoHS compliant products to contribute to environmental conservation. This time, we have decided to discontinue the production of the conventional CC-Link dedicated communication LSI models to replace them with alternative models that are compliant with the lead-free/RoHS directive.

## 4. Alternative models

Alternative models (lead-free/RoHS compliant products) are identified by suffix "N" at the end of the product name.

Product name	Model name	Remarks
Communication LSI for CC-Link remote I/O station, MFP2AN	A6GA-CCMFP2ANN60F	60 pieces/package
	A6GA-CCMFP2ANN300F	300 pieces/package
Communication LSI for CC-Link remote I/O station, MFP2N	A6GA-CCMFP2NN60F	60 pieces/package
	A6GA-CCMFP2NN300F	300 pieces/package
Communication LSI for CC-Link remote device station, MFP3N	A6GA-CCMFP3NN60F	60 pieces/package
	A6GA-CCMFP3NN300F	300 pieces/package

- Order acceptance: From November 1st, 2005
- Shipment: From January, 2006

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### 5. Precautions for using alternative models

- (1) When using the MFP3N, replace the crystal oscillator specified for the MFP3 to suppress radiated noise.  
Crystal oscillator for the discontinued model (MFP3): DS0751SB, 80MHz  
(Manufactured by Daishinku Corporation)  
Crystal oscillator for the alternative model (MFP3N): FX0-37FA, 80MHz  
(Manufactured by Kyocera Kinseki Corporation)
- (2) Alternative models have pin compatibility with discontinued models. Therefore, there is no need for any modifications.
- (3) When using alternative models, be sure to read the reference manual.