

Document Receipt Acknowledgement
Date:
Section:
Name:



Document Number: DM-A15-274-A2127-4M A
DATE: July 7, 2016

Attention:

DIGI-KEY/THIEF RIVER FALLS/MN/HQ

4M Change Notice

(Product Type)AMR Sensor (Magnetic Sensor) : MR Series

Dear. Valued Customer

Thank you very much for your great and continued support for business with Murata.
This is the official notification that some of our products' 4M Change will be proceeded as detailed below.
Please review this, and indicate your feedback for this Notice in writing by Feedback Due.
Your understanding and support are highly appreciated.

1. Product Type, Changes, and Customer/Murata/Alternative Part Numbers:

Product Type: (Product Type)AMR Sensor (Magnetic Sensor) : MR Series

Changes: Man Machine Material Method

Please refer to the attached documents for detailed Part Numbers' information.

There is no change both electrical and mechanical specification between new and old product.

2. Reasons/Background:

The main reasons of the Change are:

1. EOL of the IC, used in AMR Sensor: MR Series.
2. Yamanashi Factory Closure of Kanazawa Murata Manufacturing Co., Ltd.
3. Hedging risks of production in foundries.

The IC, used in MR Series, has been supplied by Tsuruoka Factory of Renesas Semiconductor Manufacturing Co., Ltd., a subsidiary of Renesas Electronics Corporation.

However, Tsuruoka Facotory will make this IC to be end of production, as its transfer from Renesas Semiconductor Manufacturing Co., Ltd. to TDK Corporation.

We kindly ask for your approval after confirming the details carefully.

3. Products Before and After the Change:

There are no changes of the products' design, quality, guaranteed specifications, and others, as Murata continuously uses the same production process and quality control system.

4. Change Schedule:

Production Start in New Factory:	According to Part Numbers
Production Stop in Current Factory:	Sep., 30, 2018
Shipment Stop in Current Factory:	Futher discussion needed
Products' delivery from the New Factory will be started sequentially.	

5. Feedback Due:

Oct.,31,2016

In case you need further discussion and/or adjustments with Murata for this Notice , please indicate your feedback to Murata in writing by the Feedback Due.

6. Contact Window:

Should you have any questions or concerns, please contact Murata Sales, Representative, or Distributor in your area.

Truly Yours. Thank you.

Murata Manufacturing, Co., Ltd.

Sensor Products Division, Planning and Promotion Department Business Planning Section
Yuichiro Hayata

Attached Document

■ Detailed Information of 4M Chage

Class	Change Name	Before the Change (Current)	After the Change	Change Point
I	Change of supplied part (IC)	Tsuruoka Factory of Renesas Semiconductor Manufacturing Co., Ltd.	Phenitec Semiconductor Corporation New Japan Radio Co.,Ltd. (According to PN)	Material Method
II	Manufacturing Process of AMR Sensor	Yamanashi Factory of Kanazawa Murata Manufacturing Co., Ltd.	Kanazawa Division of Kanazawa Murata Manufacturing Co., Ltd.	Machine Man
III	Manufacturing process of packing	Our outsourcing processor	Our outsourcing processor and Hakui Murata Manufacturing Co., Ltd. (2 factories accoring to Part Number)	Machine Man



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Confirmation Letter

DIGI-KEY/THIEF RIVER FALLS/MN/HQ

Murata Manufacturing, Co., Ltd.

4M Change Confirmation

4M Change detailed below is Subject to Further Discussion. Accepted.

Product Type: (Product Type)AMR Sensor (Magnetic Sensor) : MR Series

Changes: Man Machine Material Method

Requests, Questions, Comments

Signature

Date: (MM, DD, YYYY)

Title:

Name:

納入実績

Sales History

弊社に登録されている貴社品番は下記になります。

Please find the list below for the target part numbers which are registered as yours in Murata. (Customer Part Number)

下記に記載の無い貴社品番につきましても、弊社の対象品種については申し入れに含むことと致します。

Regardless of the list below, all part numbers shall be the target as far as they are categorized into the Product Type indicated in the Document.

口座番号 Account	お客様名 Customer Name	貴社品番 Customer Part Number	弊社品番 Murata Part Number	代替品 Alternative Part Number	納入数 (単位: 個) Sales Quantity (Unit: pieces)				Sample Delivery Date of Alternative PN	Production Start Date of Alternative PN
					'13FY	'14FY	'15FY	16F(May)		
A2127	DIGI-KEY/THIEF RIVER FALLS/MN/HQ	490-9619-2-ND	MRMS201A	MRMS201A-001		18,000	9,000		May-2017	Nov-2017
A2127	DIGI-KEY/THIEF RIVER FALLS/MN/HQ	MRMS201A	MRMS201A	MRMS201A-001			15,000	12,000	May-2017	Nov-2017
A2127	DIGI-KEY/THIEF RIVER FALLS/MN/HQ	490-9620-2-ND	MRMS205A	MRMS205A-001		6,000			May-2017	Nov-2017
A2127	DIGI-KEY/THIEF RIVER FALLS/MN/HQ	490-9621-2-ND	MRMS211H	MRMS211H-001		6,000	6,000		Feb-2017	Dec-2017
A2127	DIGI-KEY/THIEF RIVER FALLS/MN/HQ	490-9623-2-ND	MRMS211L	MRMS211L-001		6,000			Feb-2017	Dec-2017
A2127	DIGI-KEY/THIEF RIVER FALLS/MN/HQ	490-9622-2-ND	MRMS211M	MRMS211M-001		6,000	9,000		Feb-2017	Dec-2017
A2127	DIGI-KEY/THIEF RIVER FALLS/MN/HQ	490-9624-2-ND	MRMS215H	MRMS215H-001		6,000			Feb-2017	Dec-2017
A2127	DIGI-KEY/THIEF RIVER FALLS/MN/HQ	490-9626-2-ND	MRMS215L	MRMS215L-001		3,000	3,000		Feb-2017	Dec-2017
A2127	DIGI-KEY/THIEF RIVER FALLS/MN/HQ	490-9625-2-ND	MRMS215M	MRMS215M-001		3,000			Feb-2017	Dec-2017
A2127	DIGI-KEY/THIEF RIVER FALLS/MN/HQ	490-9628-2-ND	MRMS501A	MRMS501A-001		3,000			May-2017	Nov-2017
A2127	DIGI-KEY/THIEF RIVER FALLS/MN/HQ	MRMS501A	MRMS501A	MRMS501A-001			6,000		May-2017	Nov-2017
A2127	DIGI-KEY/THIEF RIVER FALLS/MN/HQ	490-9629-2-ND	MRMS511H	MRMS511H-001		3,000	6,000		Feb-2017	Dec-2017
A2127	DIGI-KEY/THIEF RIVER FALLS/MN/HQ	MRMS511H	MRMS511H	MRMS511H-001			18,000	6,000	Feb-2017	Dec-2017
A2127	DIGI-KEY/THIEF RIVER FALLS/MN/HQ	490-9631-2-ND	MRMS511L	MRMS511L-001		3,000			Feb-2017	Dec-2017
A2127	DIGI-KEY/THIEF RIVER FALLS/MN/HQ	490-9630-2-ND	MRMS511M	MRMS511M-001		3,000			Feb-2017	Dec-2017
A2127	DIGI-KEY/THIEF RIVER FALLS/MN/HQ	490-9638-2-ND	MRMS541D	MRMS541D-001		3,000			Feb-2017	Oct-2017
A2127	DIGI-KEY/THIEF RIVER FALLS/MN/HQ	490-9636-2-ND	MRSS27H	MRSS27H-001		18,000	3,000		Nov-2016	Dec-2017
A2127	DIGI-KEY/THIEF RIVER FALLS/MN/HQ	490-9637-2-ND	MRSS29D	MRSS29D-001		3,000			Nov-2016	Dec-2017
A2127	DIGI-KEY/THIEF RIVER FALLS/MN/HQ	490-9643-2-ND	MRSS29DR	MRSS29DR-001		3,000			Nov-2016	Dec-2017
A2127	DIGI-KEY/THIEF RIVER FALLS/MN/HQ	490-9646-2-ND	MRUS52F	MRUS52F-001		3,000			Sep-2017	Feb-2018
A2127	DIGI-KEY/THIEF RIVER FALLS/MN/HQ	490-9640-2-ND	MRUS73C	MRUS73C-001		3,000			Jul-2017	Feb-2018
A2127	DIGI-KEY/THIEF RIVER FALLS/MN/HQ	490-9641-2-ND	MRUS74S	MRUS74S-001		3,000			Jul-2017	Feb-2018
A2127	DIGI-KEY/THIEF RIVER FALLS/MN/HQ	490-9645-2-ND	MRUS74X	MRUS74X-001		3,000			Jul-2017	Feb-2018
★	A2127	DIGI-KEY/THIEF RIVER FALLS/MN/HQ	MRMS205A	MRMS205A	MRMS205A-001			3,000	May-2017	Jun-2018
★	A2127	DIGI-KEY/THIEF RIVER FALLS/MN/HQ	MRMS211H	MRMS211H	MRMS211H-001				Feb-2017	Mar-2018
★	A2127	DIGI-KEY/THIEF RIVER FALLS/MN/HQ	MRMS211M	MRMS211M	MRMS211M-001				Feb-2017	Mar-2018
★	A2127	DIGI-KEY/THIEF RIVER FALLS/MN/HQ	MRMS541D	MRMS541D	MRMS541D-001				Feb-2017	Mar-2018
★	A2127	DIGI-KEY/THIEF RIVER FALLS/MN/HQ	MRSS27H	MRSS27H	MRSS27H-001				Nov-2016	Dec-2017
★	A2127	DIGI-KEY/THIEF RIVER FALLS/MN/HQ	MRUS52F	MRUS52F	MRUS52F-001			3,000	Sep-2017	Oct-2018

★ : Additional Items