

Document Receipt Acknowledgement

Date:
Section:
Name:



INNOVATOR IN ELECTRONICS

Document Number: HSE-19-335

Date: Nov. 15th, 2019

Attention:

DIGI-KEY/THIEF RIVER FALLS/MN/HQ

Sales Termination Notice

SAW Filter/SAW resonator/Crystal Oscillator(Contract manufactured product)

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 will be discontinued as detailed below.
Please review this, and approve in writing by Approval Due Date.
Also, please place Last Time Buy Order by the Last Time Order Due Date as needed.
Your understanding and support are highly appreciated.

1. Product Type, Customer/Murata Part Numbers:

Product Type: SAW Filter/SAW resonator/Crystal Oscillator(Contract manufactured product)
SF,RF, PX, SAFBC, SAFCC*, SAFDC* series
RO, SARCC*, SARBC* series
XTC, XTL series
*except product manufactured in Murata

Please refer to the attached documents for detailed Part Numbers' information.
The applicable products have been manufactured by TAI-SAW TECHNOLOGY CO., LTD (TST).
You can continue to purchase the products from TST via its subsidiary -
RFM Integrated Device, Inc.(RFMi) when continued supply is needed.

2. Reasons/Background:

We have been operating this business by using TST as contract manufacture since 2012 .
However, because we cannot respond to recent market change with current outsourced
constitution for design/production, we concluded it is difficult to support customer needs.

3. Transaction price:

The transaction price will be disclosed to TST to the extent necessary for continued supply
of the applicable products.

4. Approval Due: Jan., 31, 2019

Please review this, and reply to Sales for this Notice in writing by Due Date.
In case we do not get any contacts by the Due Date,
we will assume that this Notice with all its contents has been accepted.

5. Sales termination Schedule:

Last Time Order Due (*): Mar., 31, 2020
Last Shipment Date: Jun., 30, 2020
RFMi can take your order from Jan., 1, 2020

* : Last Time Order is the subject to Minimum Order Quantity and Package Quantity.
Order Cancel and Product Return can be accepted only in the case of quality issue.
Please place Last Time Buy Order by the Last Time Order Due Date as needed.
We cannot receive any orders after Last Time Order Due.

6. Contact Window:

Should you have any questions or concerns,
please contact Murata Sales, Representative, or Distributor in your area.
Please contact RFMi as attached regarding continued supply. However, Murata is also willing to
support if you need any helps on this.

Truly Yours. Thank you.

Murata Manufacturing, Co., Ltd.
RF Device Division/SAW Products Department
General Manager Yasunari Tokuno



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Confirmation Letter

DIGI-KEY/THIEF RIVER FALLS/MN/HQ

Murata Manufacturing, Co., Ltd.

Sales Termination Confirmation

Product Type: SAW Filter/SAW resonator/Crystal Oscillator(Contract manufactured product)

*except product manufactured in Murata

Last Time Order Due: Mar., 31, 2020

Last Shipment Date: Jun., 30, 2020

Sales termination schedule is

accepted, and we will place Last Time Order.

Last Time Order Schedule: Life time volume:

(The detailed schedule will be discussed separately.)

accepted, and we will use RFMi for future order.

RFMi Order Schedule:

(Please contact RFMi contact window as attached.)

Comments, Questions, etc.

Signature

Date: (MM, DD, YYYY)

Title:

Name:

Murata Part Number	Alternative Part Number
RF3607D	
RO3144E-2	
SF2049E-1	
SF2098H	
SF2124E	
SF2133E	
SF2136E	
SF2137E	
RF1401D	
RF3319E	
SF1120B	
SF2126E	
RF1419D	
RF3181E	
RF3404E	
RO3073E	
RO3101A	
RO3101E	
SF1186B-2	
RF1172	
RF1172C	
RF1404C	
RF1404D	
RF2040E	
RF3608D	
SF1186K-3	
SF2217K	
RF1432C	
SF1186G	
SF2049E	
SF1184B-1	
RO3132A	
RO3103E	
RO3118A	
RO3164D-2	
RF3603D	
PX1002	
RF1172C	
RF1404C	
RF1419D	
RF3181D	
RF3181E	
RF3210D	
RF3319E	
RF3607D	
RF3608D	
RO3073	
RO3073E	
RO3101	
RO3101A	
RO3101E	
RO3118A	
RO3118E	

RO3164D-2	
SF1088A	
SF1184B-1	
SF1186B-2	
SF1186G	
SF1186H-2	
SF1186K-3	
SF1192B	
SF2002E	
SF2049E	
SF2059B-1	
SF2072C	
SF2081E	
SF2098E	
SF2098H	
SF2098H	
SF2124E	
SF2124E	
SF2133E	
SF2136E	
SF2150E	
SF2176E	
SF2198E	
SF2217K	
SF2250E	
SF2259H	
SF2294E	
SF2314E	
SF2316H	
SF2412E	
XTL1020	