

| Document Receipt Acknowledgement |
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| Date: |
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Document Number: 00000905

Date: Feb., 1, 2016

Attention:

PK COMPONENTS ELEKT.BAUELEM. VERTR. GMBH

Carrier Tape Change Notice

(All of CSP/CSRP SAW) SA*F/SA*E/SA*G/SA*R Series

Dear. Valued Customer

Thank you very much for your great and continued support for business with Murata.

This is the official notification of carrier tape change as detailed below.

Please review this, and confirm that you will expect to receive products in new carrier tape.

Your understanding and support are highly appreciated.

1. Product Type and Changes

Product Type: (All of CSP/CSRP SAW) SA*F/SA*E/SA*G/SA*R Series

Changes: Material of carrier tape

| Before Change | After Change |
|---------------|--------------|
| A-PET | PS |

Only a Carrier tape Material Change is planned.

A-PET : Amorphous Polyethylene Terephthalate

PS : Polystyrene

2. Reasons/Background:

PS is getting more general material for carrier tape in market now.

Considering the stable procurement of carrier tape for a longer term,

Murata has decided to use PS, which has good heat resistance property than A-PET, for our carrier tape.

3. Before and After the Change:

This change is applied to only material of carrier tape, there is no change of SAW product itself.

There is no change in mechanical dimension of carrier tape specified in our specification, function of devices, etc.

4. Change Schedule:

Shipment with new carrier tape for SAFFB/SAWFD series would start from 2016/CQ2.

New carrier tape for other series would start gradually after the first shipment, accordingly.

5. 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.

Product Engineering Sec.1 SAW Products Dept./Senior Manager

Toshio Fukagawa

Sales History

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

| Account Number | Customer Name | Customer Part Number | Murata Part Number | Alternative Part Number | Sales Quantity (Unit: pieces) | | | | | | Memo |
|----------------|---------------------------|----------------------|--------------------|-------------------------|-------------------------------|--------|--------|--------|--------|---------------------|------|
| | | | | | 2010FY | 2011FY | 2012FY | 2013FY | 2014FY | 2015FY till Nov. | |
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For Document Number:
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Part Number List

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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.

| Customer Part Number | Murata Part Number | Alternative Part Number | Sales Quantity (Unit: pieces) | | | | | | Memo |
|-------------------------|-----------------------|----------------------------|-------------------------------|--------|--------|--------|--------|---------------------|------|
| | | | 2010FY | 2011FY | 2012FY | 2013FY | 2014FY | 2015FY till Nov. | |
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