

June 29, 2012

## Notification of changes

### SAW filters: Relocation within Wuxi, China, and redesign of the laser markings

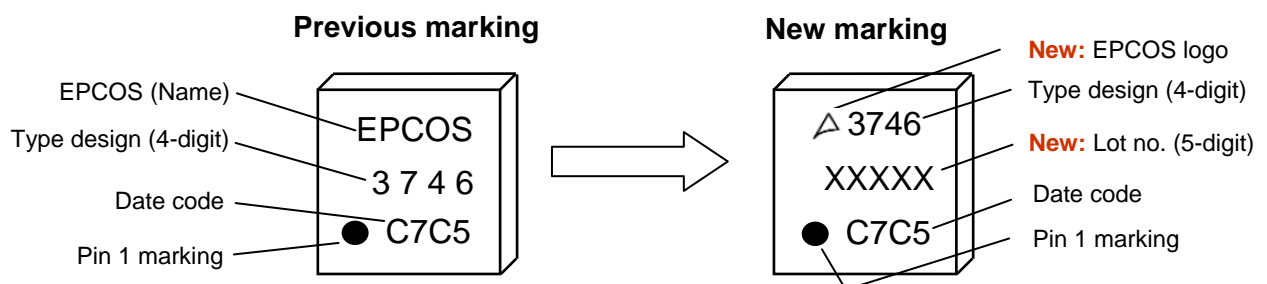
The back-end production (dicing, chip assembly in ceramic packages, testing and packaging) of all EPCOS SAW filters and duplexers in SMD ceramic packages (sizes 2520, 3025, 3030, 3838, 5050, 7050, 9148, 13365 and 19065) will be relocated from the current building in Wuxi, China, to a new factory building in a nearby industrial park. The new factory building is located approximately 1.5 km from the old building.

#### Affected products

Ordering code	Type
B39*B16*	SAW filter B16*
B39*X73*	SAW filter X73*
B39*B36*	SAW filter B36*
B39*B38*	SAW filter B38*
B39*B40*	SAW filter B40*
B39*B41*	SAW filter B41*
B39*B42*	SAW filter B42*
B39*B46*	SAW filter B46*
B39*B48*	SAW filter B48*
B39*B49*	SAW filter B49*
B39*B50*	SAW filter B50*
B39*B51*	SAW filter B51*
B39*B52*	SAW filter B52*

Simultaneously with the transfer, the laser markings on the packages of all affected SAW filters will be changed as shown below:

#### Package < 5 x 5 mm (sizes 2520, 3025, 3030, 3838, 5050)



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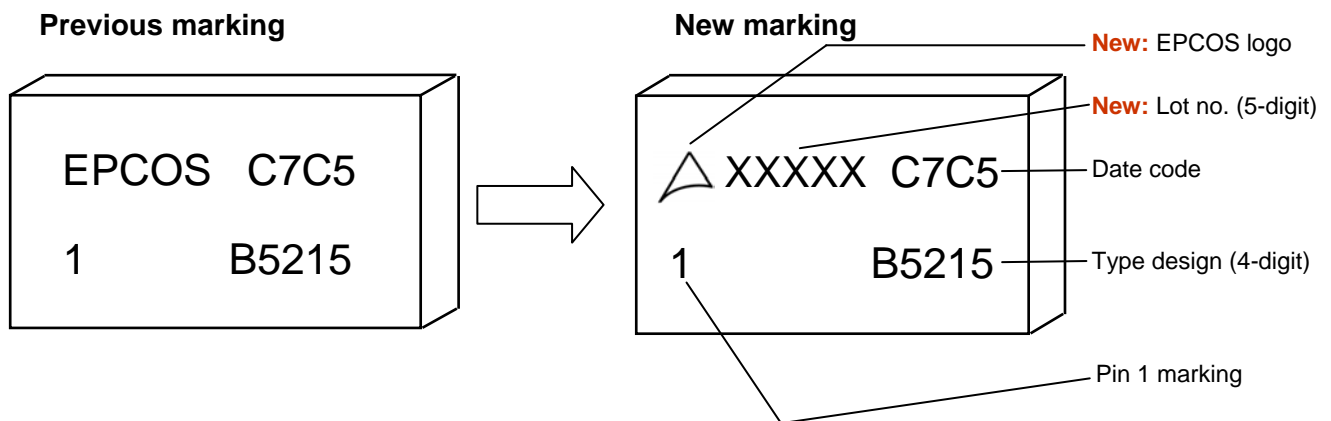
Office: St.-Martin-Strasse 53, 81669 Munich · Post: P.O.Box 80 17 09, 81617 Munich, Germany  
 Headquarters: Munich · Commercial register of the local court (Amtsgericht): Munich HRB 127250  
 Chairman of the Supervisory Board: Klaus Ziegler  
 Management Board: Joachim Zichlarz, Speaker · Dr. Werner Faber · Joachim Thiele  
[www.epcos.com](http://www.epcos.com)

**SAW Components,  
 Modules**  
 Internal / External

120629SAW2e

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Package > 5 x 5 mm (sizes 7050, 9148, 13365, 19065)



#### Improvements made by the new markings

- Fast unequivocal identification of goods from new production. The laser markings will be changed simultaneously with the start of production in the new plant.
- The additional lot number (last five digits) enables faster traceability in production.

#### Quality

The transfer has no effects on the product specification, the ordering codes or the delivery lead time of the products. Both the production equipment and personnel will be transferred to the new plant.

The new production location will be certified to ISO/TS16949.

The laser used and its settings (Q-switched Nd:YAG laser) remain unchanged. Machine readability tests were concluded with positive results.

#### Planned introduction

December 1, 2012	Start of transfer of series production
January 31, 2013	Deadline for last orders from the old location
March 1, 2013	Shipment start from new location

#### Enclosure Notification of changes (PCN)

**Contact** William Ngeow, SAW IE/MM PM, Singapore  
Mario Stiller, SAW IE PM, Munich

**Customers are asked to address inquiries directly to their sales contacts.**



**Product / Process Change Notification  
Produkt-/ Prozess-Änderungsmitteilung**

<b>1. ID No. / ID-Nr.:</b> M204		<b>2. Date of announcement / Datum der Ankündigung:</b> June 29, 2012	
<b>3. Type / Produktgruppe:</b> SAW filters / SAW-Filter: B16*, X73*, B36*, B38* B40*, B41*, B42*, B46*, B48*, B49*, B50*, B51*, B52*	<b>Old ordering code / Alte Bestell-Nr.:</b> B39*B16* B39*X73* B39*B36* B39*B38* B39*B40*, B39*B41*, B39*B42*, B39*B46*, B39*B48*, B39*B49*, B39*B50*, B39*B51*, B39*B52*	<b>New ordering code / Neue Bestell-Nr.:</b> No change / Keine Änderung	<b>Customer part number / Kundensachnummer:</b>
<b>4. Description of change / Beschreibung der Änderung:</b> <p>Back-end production (dicing, chip assembly in ceramic packages, testing and packaging) of all SAW filters and duplexers in SMD ceramic packages (2520, 3025, 3030, 3838, 5050, 7050, 9148, 13365, 19065) will be relocated from the current factory building to a new factory building in a nearby industrial park run by the same entity (Wuxi-Singapore Industrial Park, Wuxi, Jiangsu, PR China). The distance from the old to the new location will be approx. 1.5 km.  Simultaneously, the existing laser marking on the packages will be changed for the affected products. A five-digit lot number will be added (see pictures). /</p> <p>Verlagerung der Backend-Produktion (Wafer sägen, Chip-Einbau in das Keramikgehäuse, Testen und Verpacken) aller SAW-Filter und -Duplexer im SMD-Keramikgehäuse (2520, 3025, 3030, 3838, 5050, 7050, 9148, 13365, 19065) vom derzeitigen Gebäude in ein neues Fabrikgebäude. Dieses befindet sich in einem nahegelegenen Industriepark des selben Betreibers (Wuxi-Singapore Industrial Park, Wuxi, Jiangsu, VR China). Der Abstand zwischen neuem und altem Produktionsstandort beträgt etwa 1,5 km.  Zeitgleich wird die Lasergravur auf dem Deckel aller betroffenen Produkte geändert. Eine fünf-stellige Losnummer wird hinzugefügt (siehe Abbildungen).</p>			
<b>5. Effect on the product or for customers (quality, specification, lead time) / Auswirkung auf das Produkt oder für den Kunden (Qualität, Spezifikation, Lieferzeiten):</b> <p>No effects on product specification (same data sheet), ordering code, lead time, production equipment (will be moved) and personnel (will move). The laser marking equipment remains the same. /</p> <p>Keine Auswirkungen auf die Produktspezifikation (gleiches Datenblatt), Bestellnummern, Lieferzeit, Produktionsausrüstung (wird umgezogen) und Personal (zieht um). Lasergravur-Geräte bleiben unverändert.</p>			



**6. Quality assurance measures / Maßnahmen zur Qualitätssicherung:**

The new location will be certified according to ISO/TS 16949. All types will be re-qualified according to AQTP (via representative families of product types) during Q4 2012. Samples from the new production location can be provided on request for customer approval. /

Der neue Fertigungsstandort wird gemäß ISO/TS 16949 zertifiziert. Alle Typen werden gemäß AQTP re-qualifiziert (mittels repräsentativer Familien von Produkttypen) im Q4 2012. Muster aus dem neuen Fertigungsstandort können auf Anforderung bereitgestellt werden.

**7. Scheduled date of introduction / Geplante Einführung:**

Start of transfer of series production: December 1, 2012  
 Deadline for last orders from the old location: January 31, 2013  
 Shipment start from new factory : March 1, 2013 /

Beginn der Verlagerung der Serienproduktion: 1. Dezember 2012  
 Letzte Bestellmöglichkeit für Produkte aus dem alten Standort: 31. Januar 2013  
 Beginn der Lieferungen aus der neuen Fabrik: 1. März 2013

**8. Customer feedback / Rückmeldung vom Kunden:**

If EPCOS does not receive notification to the contrary within a period of 10 weeks, EPCOS assumes that the customer agrees to the change. For an interim period we cannot rule out that old as well as new products will be shipped.

Falls EPCOS innerhalb von 10 Wochen keine gegenteilige Mitteilung erhält, geht EPCOS davon aus, dass die geplante Änderung vom Kunden akzeptiert ist. Innerhalb einer Übergangszeit kann es vorkommen, dass sowohl alte wie auch neue Ware geliefert wird.

Quality Management:	Signature
Name: Dr. H. Ostner	sgd. Dr. Ostner

Product Marketing:	Signature
Tel: +65 6840 4884	sgd. William Ngeow
Fax: +65 6845 7693	
E-mail: william.ngeow@epcos.com	
Name: William Ngeow	

Customer acknowledgement	Signature
Bestätigung durch den Kunden	