

# Product Change Notification



**Product Group:** Vishay Foil Resistors/27 November 2013/PCN-VFR-001-2013 Rev 0

## Discontinuation of RNC90 (RCK02HR) manufacturing at Sfernice site

**DESCRIPTION OF CHANGE:** Manufacturing and testing of RNC90 (RS92) resistors per ESCC 4001/011 at Sfernice (Vishay S.A.) site will be discontinued. Suggested alternative products are RNC90Y(T) and RNC90Z(S) listed on QPL-55182

**CLASSIFICATION OF CHANGE:** Discontinuation

**REASON FOR CHANGE:** Low order rate and high manufacturing and testing costs

**EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE:** None

**PRODUCT CATEGORY:** Resistors, discrete

**PART NUMBERS/SERIES/FAMILIES AFFECTED:** RNC90 (RCK02HR)  
(View at [www.vishayfoilresistors.com](http://www.vishayfoilresistors.com))

**VPG BRAND(s):** Vishay Foil Resistors

### TIME SCHEDULE:

Start Shipment Date: Immediately for RNC90Y and RNC90Z

Last Time Buy Date: March 31, 2014

Last Time Shipment Date: September 30, 2014

**SAMPLE AVAILABILITY:** Per request

**PRODUCT IDENTIFICATION:** RNC90Y, RNC90T, RNC90Z, RNC90S

**QUALIFICATION DATA:** QPL

**ISSUED BY:** Jacob Musel, VFR Quality Director  
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**For further information, please contact your regional Vishay Precision Foil Sales office or J. Musel**

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November 29, 2013

**To whom it may concern**

**Subject: Discontinuation of RNC90 (RCK02HR) manufacturing  
at Sfernice site**

Dear valuable customer,

The RCK02 RH resistors are currently manufactured and tested by Vishay Precision Group (VPG) subcontractor – Vishay-Sfernice. The chips for these resistors are produced and supplied by Vishay Foil Resistors plant in Israel.

The actual situation of relatively low order volumes and high manufacturing and testing costs makes this business module very ineffective, and consequently the product very expensive.

VPG is producing a military qualified RNC90 resistors family (RNC90Y, S, Z and T) listed on QPL. These resistors are manufactured and tested at Holon plant in Israel since 1996 and are maintained at “R” failure rate reliability level without any inconsistency. These products run in high volume level and stable demand for many years.

VPG will discontinue RCK02HR manufacturing by Vishay Sfernice, as declared in the attached PCN. The last time buy is March 31, 2014 and shipments will be made latest by September 30, 2014. In order to continue to support the need in these products in Europe, following options are offered.

1. You can use the military qualified RNC90 resistors manufactured and tested in Holon (listed on QPL-55182) immediately.
2. The RCK02 RH resistors will be produced by VPG at Holon facility in Israel. The product line will be relocated from Nice to Holon. So the resistors will have exactly the same construction as the currently manufactured parts. The lot validation and qualification maintenance testing will be performed by Charcroft Electronics Ltd located in UK. In such case, the RCK02RH resistors manufactured in Holon will be available at beginning of 2016.

**Vishay Advanced Technologies Ltd.**

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We want to assure you that VPG is taking all measures needed to provide you continuously with resistors of the same quality and reliability level. We are ready to discuss with you any questions that may arise as result of discontinuation of manufacturing the RCKRH resistors in Europe.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Jacob Musel'.

Jacob Musel  
VPG Quality Director

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