



## Data Sheet Revision

**DESCRIPTION OF CHANGE:** To better support growing business, Vishay Siliconix has made the decision to revise the data sheet test condition for  $R_{DS(on)}$  on the part numbers related to the IRFP32N50K. The full list of parts can be found in the "Parts Affected" table below. The change will be specifically to the  $I_D$ .

The following table shows the specification for  $R_{DS(on)}$  seen in the data sheets, currently on the Vishay website. Note that  $I_D$  is presently shown as 32A:

Drain-Source On-State Resistance	$R_{DS(on)}$	$V_{GS} = 10\text{ V}$	$I_D = 32\text{ A}^b$	-	0.135	0.16	$\Omega$
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The  $I_D$  for  $R_{DS(on)}$  will be revised to 16A as follows:

Drain-Source On-State Resistance	$R_{DS(on)}$	$V_{GS} = 10\text{ V}$	$I_D = 16\text{ A}^b$	-	0.135	0.16	$\Omega$
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This change should not affect the function of the device in existing applications. However, for customers that might have a concern regarding the operation of the device in their application, the 90 day approval cycle will be in effect.

Customers that do not require the 90 day waiting period can provide written approval and product will be available to ship.

**CLASSIFICATION OF CHANGE:** Data sheet change

**REASON FOR CHANGE:** To correct data sheet

**EXPECTED INFLUENCE ON QUALITY/RELIABILITY/PERFORMANCE:** The revision of the data sheets does not reflect a change in the manufacturing of the product nor will it affect the quality, reliability, and/or performance of the parts listed below

**PRODUCT CATEGORY:** MOSFETs.

**PART NUMBERS/SERIES/FAMILIES AFFECTED:**

IRFC32N50K	IRFC32N50KC	IRFP32N50K
IRFC32N50KB	IRFP32N50KPBF	SiHFP32N50K-E3

**VISHAY BRAND(s):** Vishay Siliconix

**TIME SCHEDULE:** NA

**SAMPLE AVAILABILITY:** NA

**PRODUCT IDENTIFICATION:** No Change

**QUALIFICATION DATA:** Not Required

**This PCN is considered approved, without further notification, unless we receive specific customer concerns before July 11, 2014 or as specified by contract.**

**ISSUED BY:** Don Larson, Vishay Siliconix, HVM Technical Marketing. E-mail address: don.larson@vishay.com

**For further information, please contact your regional Vishay office.**

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