



## Product Change Notification / RMES-28XQZO271

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**Date:**

29-Dec-2020

**Product Category:**

Power Discrete Components

**PCN Type:**

Manufacturing Change

**Notification Subject:**

Memo Log # ML122020009G Final Notice: Implement VDS(ON) specifications parameter change for RF MOSFET (VDMOS) VRF141, VRF141G and VRF141MP catalog part numbers (CPN).

**Affected CPNs:**

[RMES-28XQZO271\\_Affected\\_CPN\\_12292020.pdf](#)  
[RMES-28XQZO271\\_Affected\\_CPN\\_12292020.csv](#)

**Notification Text:**

**PCN Status:** Final notification

**PCN Type:** Manufacturing Change

**Microchip Parts Affected:** Please open one of the icons found in the Affected CPNs section above.

**NOTE:** For your convenience Microchip includes identical files in two formats (.pdf and .xls)

**Description of Change:** Implement VDS(ON) specifications parameter change for RF MOSFET (VDMOS) VRF141, VRF141G and VRF141MP catalog part numbers (CPN).

**Pre Change:**

See table summary/comparison below

**Post Change:**

See table summary/comparison below

**Pre and Post Change Summary:** Below are the VDS(ON) specification changes for affected products. Efforts are underway to reduce VDS(ON) to the previous limits by the middle of calendar year 2021.

Affected Part Numbers	Pre Change		Post Change	
	$V_{DS(ON)}$ Typical [V]	$V_{DS(ON)}$ Maximum [V]	$V_{DS(ON)}$ Typical [V]	$V_{DS(ON)}$ Maximum [V]
VRF141				
VRF141MP	0.9	1.0	1.0	1.3
VRF141G				

**Impacts to Data Sheet:** Yes

**Data Sheet Links:**

VRF141 / VRF141MP - [VRF141, VRF141MP RF MOSFET \(VDMOS\) 80 V 150 W 175 MHz M174 Datasheet](#)

VRF141G - [VRF141G RF MOSFET \(VDMOS\) 80 V 150 W 175 MHz M208 Datasheet](#)

**Change Impact:** None

**Reason for Change:** To increase productivity with transfer to new wafer foundry

**Change Implementation Status:** In progress

**Estimated First Ship Date:** December 29, 2020

NOTE: The estimated first ship date is the earliest date that we may ship products from the new wafer foundry with the changes listed in this PCN. After the estimated first ship date, these changes may occur to any affected product over the course of many weeks depending on inventory levels and business conditions.

**Time Table Summary:**

	December 2020			
Workweek	49	50	51	52
Final PCN Issue Date				X
Estimated Implementation Date				X

**Method to Identify Change:** Traceability code

**Qualification Report:** Not applicable

**Revision History: December 29, 2020:** Issued final notification. Added estimated first ship date by December 29, 2020.

The change described in this PCN does not alter Microchip's current regulatory compliance regarding the material content of the applicable products.

Please contact your local [Microchip sales office](#) with questions or concerns regarding this notification.

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