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Materials Changes for IR Receivers: PCN Update

Vishay Opto has published a PCN announcing two materials changes for our IR receiver portfolio: a second source for the photodiode and a new mold material. These materials changes do not impact our datasheets and it is not expected that any difference in performance will be observed. Nevertheless, samples using the new mold material may be ordered so you can test the parts in your application. It is not possible to specifically order production quantities of parts with either the former or the new photodiode, as both photodiodes will flow into production according to availability.

The following table provides an overview of the changes per package:

		Materials replaced / added		
	Package	Product group	2nd source Photodiode	New Mold material
IR Receiver package	Mold	TSxPx2xx	x	x
		TSxPx4xx	x	x
		TSxPx2xxF	x	
		TSxPx4xxF	x	
		TSxPx2xxN	x	
		TSxPx4xxN	x	
		TSxP4xxxXB		x
		Hxxx	x	x
		HxxxF	x	
	Minimold	TSxPx3xx	x	x
		TSxPx3xxF	x	
		Hxxx	x	x
		HxxxF	x	
	Panhead	TSxPx6xx	x	x
		TSxPx6xxF	x	
		TSxPx6xxN	x	
		Hxxx	x	x
		HxxxF	x	
	Minicast	TSxPx8xx	x	
		Hxxx	x	
	Heimdall	TSxPx5xx	x	x
		TSxPx5xxF	x	
		TSxPx5xxN	x	
TSxP77xx		x	x	
TSxP77xxF		x		
Hxxx		x	x	
TV-Cast	HxxxF	x		
	TSxPx9xx	x		
		Hxxx	x	

FAQ:

Q: Are there any changes for products in production?

A: 1. The epoxy material will be changed for Mold, Minimold, Panhead, and Heimdall packages. The epoxy of F- and N- products (TSOPxxxxF; TSOPxxxxN) remains unchanged. 2. A second source photodiode will be introduced for all Mold, Minimold, Panhead, Heimdall, Minicast, and TVCast packages. Products that use a customized photodiode (Mold TSSP4xxxXB) will not have a second source photodiode supplier.

Q: Are there any technical differences (form/fit/function) expected?

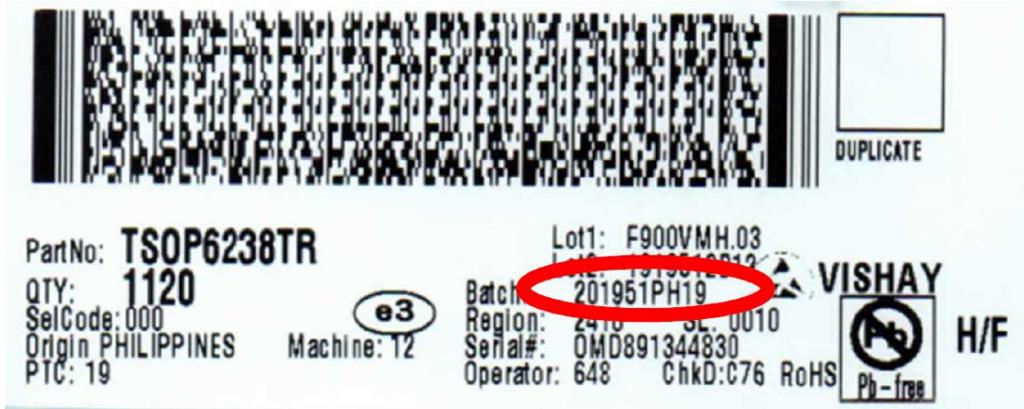
A: No.

Q: When do we plan to implement the new materials in production?

A: In Vishay production work week 11 (8th May 2020).

Q: How can the customer distinguish between old and new product?

A: The PCN announces a changeover date. This changeover date will be mentioned on the standard bar code labels as shown below:



Q: Why has Vishay introduced these changes?

A: Adding alternative materials and suppliers helps us to maintain short lead times in changing market environments and avoid line downs at our customer side.

Q: Are samples available?

A: Yes, samples can be ordered by contacting me or our Regional Marketing colleagues.

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