

Product Change Notification

KETEK-PCN-SiPM-2017-10

October 2, 2017

SiPM – Silicon Photomultiplier

PM3315-WB and PM3325-WB Change of Order Code Change of Breakdown Voltage

PCN Overview

PCN Affected Products	PM3325-WB and PM3315-WB SiPMs, both referred to PM33xx-WB in the following Previous version of the product is related to PM33xx-WB-A0, new revision of the product is PM33xx-WB-B0
PCN Original Issue Date	October 2, 2017
Type of Change Notification	Product Data Sheet
Expected First Ship Date	November 2, 2017
Last Date to Buy Pre-Change Product	As long as stock lasts
Reference Documents	PM33xx-WB-A0 and PM33xx-WB-B0 datasheets

Reason for PCN

Due to improvements in the SiPM production process there is a change in the SiPM breakdown voltage. The performance parameters, package and physical dimensions remain unchanged.

Product Change Summary

Following table lists only the differences between the previous PM33xx-WB-A0 and the new revision PM33xx-WB-B0.

Parameters not listed here remain unchanged.

Parameter	PM33xx-WB-A0 (typ. values)	PM33xx-WB-B0 (typ. values)
Breakdown Voltage at 21°C (V)	27.1	26.9 (min. 26.6, max. 27.2)

Customer Impact

Customers who have used PM33xx-WB-A0 in their design do not need to change anything regarding PCB design or footprint, as the package remains unchanged. Regarding the operation of the new revision PM33xx-WB-B0, the change of the breakdown voltage from PM33xx-WB-A0 is insignificant and within minimum and maximum specification limit of PM33xx-B0. Usually no adaptation of the operating voltage is required.

Additional Information

All datasheets with full specification of PM33xx-WB-A0 and PM33xx-WB-B0 are available at www.ketek.net/sipm-downloads

and the documentation for PM33xx-WB-A0 is available in the category “Discontinued Products”.