



BCM

Product Change Notice

PCN Type: HW/SYS/Kit BIOS/LAN/FW Package/Label Driver/OS Acc. Others Page: 1 of 1

PCN Number: P221905		Revision: A		Date of Publication: 05/09/2022
PRODUCT NAME	PRODUCT PART#	OLD — REV. — NEW		REVISION TYPE
MX310HD	71641-IA	1.2/ 1.50	2.0/ 2.00	Hardware/ BIOS

REASON OF CHANGE:

- 1) Current Texas Instruments LM5176 Controller is highly constrained and severely impacting production lead-time.
- 2) Current Infineon SLB9665TT2.0 Trust Module Platform (TPM) is highly constrained and severely impacting production lead-time.
- 3) Analog Devices AD5258 is highly constrained and severely impacting production lead-time. It's function as a DC power control for the LVDS panel brightness has been replaced by the more common PWM control.

DESCRIPTION OF CHANGE:

- 1) Re-spin PCB changing to use Texas Instruments LM5175 Controller.
- 2) Change to use Infineon SLB9670VQ2.0 TPM.
- 3) Remove Analog Devices AD5258 Digital Potentiometer for DC control on LVDS Panel.

IMPACT OF CHANGE AND RECOMMEND ACTION:

BCM is recommending our customer to perform additional qualification of this changes.

AFFECTED BY THIS CHANGE	
Specification	YES
Packaging	NO
Labeling	NO
BIOS/ LAN	YES
Driver	NO***
Hardware	YES

*** Microsoft Windows 10 and 11 have built-in TPM driver.

CUT IN DATE:

Date: March, 2023*
OR
Lot#:

*Cut in date is based on the current forecast.

Parts Disposition	Rework	As Is	Scrap
New Order	X		
In Process		X	
Finished Goods		X	
RMA		X	

This PCN had been **QUALIFIED** and **APPROVED** by BCM Engineering Department on 05/09/2022.

This PCN had been **APPROVED** by BCM Procurement Department on May, 2022.

APPROVED BY

VP OF SALES	<APPROVED>	05/09/2022
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Signature

Date

Doc#: F-G0-0-007A