BCM

Product Change Notice

PCN Type: ■HW/SYS/Kit   ■BIOS/LAN/FW   □Package/Label   ■Driver/OS   □Acc.   □Others   Page: _1_ of _1_

PCN Number: P221905B		Revision: A		Date of Initial Publication: 05/09/2022	
PRODUCT NAME	**PRODUCT PART#**	OLD — REV. — NEW		**REVISION TYPE**	
MX310HD	71641-IA	1.2	2.00	Hardware	
		1.50	2.01	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   It's function as a DC power control for the LVDS panel brightness has been replaced by the more common PWM control.
4) Current Intel i211 is discontinued and the i210 Ethernet controller is highly constrained and severely impacting production lead-time and future unit costs.

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.
4) Change to use Intel i225/ i226 Ethernet controller.

BIOS
File name: 71641201.rom
Message: MX310HD (#71641) BIOS V2.01

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: October 2022
  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
	Signature	**Date**

Doc#: F-G0-0-007A