



BCM

Product Change Notice

PCN Type: HW/SYS/Kit BIOS/LAN/FW Package/Label Driver/OS Acc. Others Page: 1 of 2

PCN Number: P221907		Revision: A		Date of Publication: 05/09/2022
PRODUCT NAME	PRODUCT PART#	OLD — REV. — NEW		REVISION TYPE
MX170QD	71134-IA	2.0/ 1.50	2.0/ 2.00	Hardware/ BIOS
MX170QD-QC	71133	2.0/ 1.50	2.0/ 2.00	
MX170QD-UL	71135-IA	2.0/ 1.50	2.0/ 2.00	
MX170QD-F	71137-IA	2.0/ 1.50	2.0/ 2.00	

REASON OF CHANGE:

- 1) Current Infineon PX3517 MOSFET Driver will be End of Life.
- 2) 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 It's function as a DC power control for the LVDS panel brightness has been replaced by the more common PWM control.
- 3) Current ANPEC APL3540 and APL3542 Power Controller will be End of Life.

DESCRIPTION OF CHANGE:

- 1) Re-spin PCB changing to use Monolithic Power Systems (MPS) MP2979A PWM Controller and MP86990 Power MOSFET and Driver.
- 2) Remove Analog Devices AD5258 Digital Potentiometer for DC control on LVDS Panel.
- 3) Change to use MPS MP5921 Power Controller.

IMPACT OF CHANGE AND RECOMMEND ACTION:

BCM is not recommending our customer to perform additional qualification of this changes.

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

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