

Product Change Notice

PCN-Q230614-2

Date of Publication: 06/14/2023

Description of Change:

Due to materials discontinuation of production, we will implement BOM change for SQF 930 series. The Crystal will change on all applied SQF 930 form factors and part numbers listed as follows.

Affected Product Model No.:

SQF 930 series

Original P/N, BOM configuration	Replacement P/N, BOM configuration
1. SQF-C8M 930 P/Ns Crystal: Murata XRCFD25M000F2N51R0 PMIC: PHISON PMIC version CC DDR: SAMSUNG K4A8G165WC-BITD	2. SQF-C8M 930 P/Ns Crystal: Interquip 5MAA25000062VFA0Q5 PMIC: PHISON PMIC version DD DDR: Hynix H5AG36EXNJX017N

Potential impacts to customers:

BOM: Crystal change
 PCB: no change required
 FW: no change required
 Others: no change required

Ordering Information:

No Change

Impact of change & recommended action date:

All applied SQF 930 Series will adopt new Crystal, PMIC & DDR by PCN-Q230613-4 after May. 1st, 2023.
 Implement from SN#: Axx230501xxxxxxxxxx

Key Information & Milestones:


PCN number: **PCN-Q230614-2**
 PCN released date: **Jun. 14th, 2023**
 Last Time Buy date: N/A

Issue by	PM: Tones Yen
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- **Crystal Comparison Chart For The Replacement:**

Supplier	Murata (Original)	Interquip (New)
Part	XRCFD25M000F2N51R0	5MAA25000062VFA0Q5
Appearance		
Specification	SMD, Murata, 25MHz, +/-20ppm, XRCFD25M000F2N51R0, HF, 工 XTAL, 5pF, 4P, 1.2x1.6mm	SMD, Interquip, 25MHz, +/-20ppm, 5MAA25000062VFA0Q5, HF, 工 XTAL, 6pF, 4P, 1.25x1.65mm
Temperature Range (Tjunction)	-40°C~125°C	-40°C~125°C

- **DDR Comparison Chart For The Replacement:**

Supplier	SAMSUNG (Original)	Hynix (New)
Part	SAMSUNG K4A8G165WC-BITD	H5AG36EXNJX017N
Appearance		
Specification	SMD, 1.2V, BGA-2666MHz, 96Ball(x16), 18nm, Samsung, 工, HF	SMD, 1.2V, BGA-3200MT/s, 96Ball(x16), 1nm, -40 to 95, 13x7.5x1.1mm
Temperature Range (Tjunction)	-40°C~95°C	-40°C~95°C

- **SQF M.2 2280 930 Standard Part Number List**

Product Change	
Type	Part Number
M.2 2280	SQF-C8MV4-480GDEEC
M.2 2280	SQF-C8MV4-960GDEEC
M.2 2280	SQF-C8MV4-1K9GDEEC
M.2 2280	SQF-C8MV4-3K8GDEEC
M.2 2280	SQF-C8MV4-480GDEEE
M.2 2280	SQF-C8MV4-960GDEEE
M.2 2280	SQF-C8MV4-1K9GDEEE