

Product Change Notice

PCN-Q230613-3

Date of Publication: 06/13/2023

Description of Change:

Due to materials discontinuation of production, we will implement BOM change for SQF 840, 920 and 930 series. The Crystal will change on all applied SQF 840, 920 and 930 form factors and part numbers listed as follows.

Affected Product Model No.:

SQF 840, 920 and 930 series

Original P/N, BOM configuration	Replacement P/N, BOM configuration
<p>1. SQF-SM8 840, SQF-SMS 840, SQF-CM8 920 and SQF-C8M 930 P/Ns Crystal: Murata XRCFD25M000F2N51R0</p>	<p>2. SQF-SM8 840, SQF-SMS 840, SQF-CM8 920 and SQF-C8M 930 P/Ns Crystal: Interquip 5MAA25000062VFA0Q5</p>

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 840, 920 and 930 Series will adopt new Crystal by PCN-Q230613-3 after Nov. 1st, 2023.

Implement from SN#: Axx231101xxxxxxxxxx

Key Information & Milestones:

PCN number: PCN-Q230613-1
PCN released date: Jun. 13th, 2023
Last Time Buy date: N/A

Issue by

PM: Lucy Chen

- 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

- SQF M.2 2280 & mSATA 840 Standard Part Number List

Product Change	
Type	Part Number
M.2 2280	SQF-SM8V2-120GCSCC
M.2 2280	SQF-SM8V2-240GDSCC
M.2 2280	SQF-SM8V2-240GDSCE
M.2 2280	SQF-SM8V4-1K9GCSCC
M.2 2280	SQF-SM8V4-1K9GDSCC
M.2 2280	SQF-SM8V4-1K9GDSCE
M.2 2280	SQF-SM8V4-1T1SCC
M.2 2280	SQF-SM8V4-240GCSCC
M.2 2280	SQF-SM8V4-240G-SCC
M.2 2280	SQF-SM8V4-240G-SCE
M.2 2280	SQF-SM8V4-480GCSCC
M.2 2280	SQF-SM8V4-480GDSCC
M.2 2280	SQF-SM8V4-480GDSCE
M.2 2280	SQF-SM8V4-480G-SCC
M.2 2280	SQF-SM8V4-480G-SCE
M.2 2280	SQF-SM8V4-960GCSCC
M.2 2280	SQF-SM8V4-960GDSCC
M.2 2280	SQF-SM8V4-960GDSCE
M.2 2280	SQF-SM8V4-960G-SCC

M.2 2280	SQF-SM8V4-960G-SCE
mSATA	SQF-SMSV2-120GCSCC
mSATA	SQF-SMSV2-240GDSCC
mSATA	SQF-SMSV2-240GDSCE
mSATA	SQF-SMSV4-1K9GCSCC
mSATA	SQF-SMSV4-1K9GDSCC
mSATA	SQF-SMSV4-1K9GDSCE
mSATA	SQF-SMSV4-240GCSCC
mSATA	SQF-SMSV4-240G-SCE
mSATA	SQF-SMSV4-480GCSCC
mSATA	SQF-SMSV4-480GDSCC
mSATA	SQF-SMSV4-480GDSCE
mSATA	SQF-SMSV4-480G-SCE
mSATA	SQF-SMSV4-960GCSCC
mSATA	SQF-SMSV4-960GDSCC
mSATA	SQF-SMSV4-960GDSCE
mSATA	SQF-SMSV4-960G-SCE

● SQF M.2 2280 & mSATA 840 Custom Part Number List

Product Change	
Type	Part Number
M.2 2280	SQF-SM8V2-120GCCEW
M.2 2280	SQF-SM8V2-120G-CJU
M.2 2280	SQF-SM8V2-120GDCEW
M.2 2280	SQF-SM8V2C128G-CJS
M.2 2280	SQF-SM8V4-1K9GCCBC
M.2 2280	SQF-SM8V4-240G-CAS
M.2 2280	SQF-SM8V4-240GCCAS
M.2 2280	SQF-SM8V4-240G-CRG
M.2 2280	SQF-SM8V4-960GCCBC
M.2 2280	SQF-SM8V4-960G-CGL
mSATA	SQF-SMSV2-120GCCEW
mSATA	SQF-SMSV2C120G-CHP

● SQF M.2 2280 920 Standard Part Number List

Product Change	
Type	Part Number

M.2 2280	SQF-CM8V2-240GDECC
M.2 2280	SQF-CM8V2-240GDECE
M.2 2280	SQF-CM8V2-240G-ECC
M.2 2280	SQF-CM8V4-1K9GCECC
M.2 2280	SQF-CM8V4-1K9GDECC
M.2 2280	SQF-CM8V4-1K9GDECE
M.2 2280	SQF-CM8V4-240GCECC
M.2 2280	SQF-CM8V4-240G-ECC
M.2 2280	SQF-CM8V4-240G-ECE
M.2 2280	SQF-CM8V4-480GCECC
M.2 2280	SQF-CM8V4-480GDECC
M.2 2280	SQF-CM8V4-480GDECE
M.2 2280	SQF-CM8V4-480G-ECC
M.2 2280	SQF-CM8V4-480G-ECE
M.2 2280	SQF-CM8V4-960GCECC
M.2 2280	SQF-CM8V4-960GDECC
M.2 2280	SQF-CM8V4-960GDECE
M.2 2280	SQF-CM8V4-960G-ECC
M.2 2280	SQF-CM8V4-960G-ECE

● SQF M.2 2280 920 Custom Part Number List

Product Change	
Type	Part Number
M.2 2280	SQF-CM8V2-240GDCGL
M.2 2280	SQF-CM8V2-256GDCJS
M.2 2280	SQF-CM8V4-1K9GCCBC
M.2 2280	SQF-CM8V4-1K9GDCBC
M.2 2280	SQF-CM8V4-1K9GDCGL
M.2 2280	SQF-CM8V4-1K9GDCSU
M.2 2280	SQF-CM8V4-1T1CXE
M.2 2280	SQF-CM8V4-1TDCJS
M.2 2280	SQF-CM8V4-240GCCKV
M.2 2280	SQF-CM8V4-240GCCLP
M.2 2280	SQF-CM8V4-240G-CGL
M.2 2280	SQF-CM8V4-240G-CLP
M.2 2280	SQF-CM8V4-480GCCCM
M.2 2280	SQF-CM8V4-480GCCJS

M.2 2280	SQF-CM8V4-480GCCCKV
M.2 2280	SQF-CM8V4-480G-CDK
M.2 2280	SQF-CM8V4-480G-CGL
M.2 2280	SQF-CM8V4-480G-CJN
M.2 2280	SQF-CM8V4-480G-CSU
M.2 2280	SQF-CM8V4-480GDCGL
M.2 2280	SQF-CM8V4-480GDCKV
M.2 2280	SQF-CM8V4-480GDCTP
M.2 2280	SQF-CM8V4-512GDCJS
M.2 2280	SQF-CM8V4-960GCCBC
M.2 2280	SQF-CM8V4-960G-CGL
M.2 2280	SQF-CM8V4-960G-CGS
M.2 2280	SQF-CM8V4-960G-CSU
M.2 2280	SQF-CM8V4-960GDCAT
M.2 2280	SQF-CM8V4-960GDCBC
M.2 2280	SQF-CM8V4-960GDCGL
M.2 2280	SQF-CM8V4-960GDCSU
M.2 2280	SQF-CM8V4C1T-CJS
M.2 2280	SQF-CM8V4C256G-CJS
M.2 2280	SQF-CM8V4C512G-CJS
M.2 2280	SQF-CM8V4C960G-CSU

- 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