

## Product Change Notice

### PCN-Q241231

**Date of Publication: 12/31/2024**

#### **Description of Change:**

A normal shutdown should not cause data errors, so read verification is not needed. However, in high-temperature environments ( $T_a=75^{\circ}\text{C}$ ), NAND instability may corrupt the data in the PFAIL table, causing errors upon the next read and leading to an assert. FW flow optimization: Even with a normal shutdown and LB size = 0, a PFAIL table read verify will still be performed.

#### **Affected Product Model No.:**

SQF SATA 840L series BiCS5 TLC 480GB~8TB combination.

Original P/N, BOM configuration	Replacement P/N, BOM configuration
<b>SQF SATA 840L TLC affected P/Ns</b> FW version: SCEMH5A0 (SCEMH5.0)	<b>SQF SATA 840L TLC affected P/Ns</b> FW version: SCEMH5A3 (SCEMH5.3)

#### **Potential impacts to customers:**

BOM: no change required

PCB: no change required

FW: Change to SCEMH5A3 (SCEMH5.3)

Others: no change required

#### **Ordering Information:**

No Change

#### **Impact of change & recommended action date:**

All applied SQF SATA 840L series BiCS5 TLC 480GB~8TB combination will adopt the change by **PCN-Q241231** after Feb. 1<sup>st</sup>, 2025. Implement from SN#: Axx250201xxxxxxxxxx

#### **Key Information & Milestones:**

PCN number: **PCN-Q241231**

PCN released date: **Dec. 31<sup>st</sup>, 2024**

Last Time Buy date: **N/A**

<b>Issue by</b>	PM: Connie Luo
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- **SQF 840L series Standard Part Number List**

Product Change	
Type	Part Number
2.5" SATA	SQF-S25C5-480GDSCC
2.5" SATA	SQF-S25C9-960GDSCC
2.5" SATA	SQF-S25C9-1K9GDSCC
2.5" SATA	SQF-S25CA-3K8GDSCC
2.5" SATA	SQF-S25CA-7K6GDSCC