

Product Change Notice

Update Firmware Version for SV250-25 BiCS3 Products

Release date: Jul. 10, 2024

Dear Valued Customers,

Thank you for your business and continued support for Apacer products. This PCN is being issued to inform you of a firmware update for SV250-25 BiCS3 products. Details of the change are provided in the table below. Apacer will provide all necessary support to ensure a seamless transition. If you have any questions or concerns regarding the content of this notification, please get in touch with Apacer sales representatives.

| | | | |
|--|--|---------------------|---------------|
| PCN Number | E240710-1 | Release Date | Jul. 10, 2024 |
| Affected Product Model | SV250-25 BiCS3 Without and With TCG OPAL | | |
| Subject of Change | | | |
| Update firmware version to SFMB6140 and SFMBA130 for SV250-25 BiCS3 products | | | |
| Description of Change | | | |
| Apacer has updated the firmware version from SFMB6130 and SFMBA120 to SFMB6140 and SFMBA130, respectively, with the following changes: | | | |
| - Without TCG OPAL (SFMB6140) | | | |
| 1. Support for "Online Update". | | | |
| 2. Enhanced read refresh mechanism. | | | |
| 3. Modified reset flow of FPLL (Frequency and Phase Locked Loop) register at high temperature. | | | |
| 4. Improved read error handling process. | | | |
| 5. Adjusted update frequency of thermal sensor. | | | |
| 6. Support for minus temperature in SMART. | | | |
| 7. Sync HDDA & DAS LED dim when drive's in idle mode. | | | |
| 8. Set DAS GPIO as open drain. | | | |
| 9. Optimized mapping table flush timing. | | | |
| 10. Fixed LBA range reporting issue when HPA is enabled. | | | |
| - With TCG OPAL (SFMBA130) | | | |
| 1. Fixed OPAL mismatch bug after Setting Locking Range then executing RevertTper. | | | |
| 2. Change the method of OPAL PSID Revert from Secure Erase to Crypto Erase. | | | |
| 3. Support for "Online Update". | | | |
| 4. Enhanced read refresh mechanism. | | | |
| 5. Modified reset flow of FPLL (Frequency and Phase Locked Loop) register at high temperature. | | | |
| 6. Improved read error handling process. | | | |
| 7. Adjusted update frequency of thermal sensor. | | | |
| 8. Support for minus temperature in SMART. | | | |

Recommended Action

Apacer will continue to supply SV250-25 BiCS3 with the old firmware, but we recommend qualifying with the latest version for improved compatibility and support.

Affected Part Numbers

- Without TCG OPAL

| Capacity | Existing Part Numbers | | New Part Numbers | |
|----------|-----------------------|------------------|----------------------|------------------|
| | Standard Temperature | Wide Temperature | Standard Temperature | Wide Temperature |
| 30GB | AE2.255FGC.00246 | AE2.255FHC.00146 | AE2.255FGC.002HA | AE2.255FHC.001HA |
| 60GB | AE2.255GGC.00246 | AE2.255GHC.00146 | AE2.255GGC.002HA | AE2.255GHC.001HA |
| 120GB | AE2.255HGC.00146 | AE2.255HHC.00146 | AE2.255HGC.001HA | AE2.255HHC.001HA |
| 240GB | AE2.255JGC.00146 | AE2.255JHC.00146 | AE2.255JGC.001HA | AE2.255JHC.001HA |
| 480GB | AE2.255KGC.00146 | AE2.255KHC.00146 | AE2.255KGC.001HA | AE2.255KHC.001HA |
| 960GB | AE2.255LGC.00146 | AE2.255LHC.00146 | AE2.255LGC.001HA | AE2.255LHC.001HA |

- With TCG OPAL

| Capacity | Existing Part Numbers | | New Part Numbers | |
|----------|-----------------------|------------------|----------------------|------------------|
| | Standard Temperature | Wide Temperature | Standard Temperature | Wide Temperature |
| 30GB | AE2.A15FGC.001D5 | AE2.A15FHC.001D5 | AE2.A15FGC.001H6 | AE2.A15FHC.001H6 |
| 60GB | AE2.A15GGC.001D5 | AE2.A15GHC.001D5 | AE2.A15GGC.001H6 | AE2.A15GHC.001H6 |
| 120GB | AE2.A15HGC.001D5 | AE2.A15HHC.001D5 | AE2.A15HGC.001H6 | AE2.A15HHC.001H6 |
| 240GB | AE2.A15JGC.001D5 | AE2.A15JHC.001D5 | AE2.A15JGC.001H6 | AE2.A15JHC.001H6 |
| 480GB | AE2.A15KGC.001D5 | AE2.A15KHC.001D5 | AE2.A15KGC.001H6 | AE2.A15KHC.001H6 |
| 960GB | AE2.A15LGC.001D5 | AE2.A15LHC.001D5 | AE2.A15LGC.001H6 | AE2.A15LHC.001H6 |

Schedule

Sample available date: Jul. 10, 2024

Product Center

Apacer Technology Inc.