



Product Change Notification / ASER-16MKTS465

Date:

17-Aug-2022

Product Category:

Network Synchronization

PCN Type:

Manufacturing Change

Notification Subject:

eSign E000125687 Final Notice: Release of updated firmware revision 0x1B5D (7005 decimal) for selected ZL30735Axx, ZL30634Axx, ZL30642Axx and ZL30640Axx device families available in 64L VQFN (9x9x1mm) package.

Affected CPNs:

[ASER-16MKTS465_Affected_CPN_08172022.pdf](#)

[ASER-16MKTS465_Affected_CPN_08172022.csv](#)

Notification Text:

PCN Status:Final Notification

PCN Type:Manufacturing Change

Microchip Parts Affected:Please open one of the files found in the Affected CPNs section.

Note: For your convenience Microchip includes identical files in two formats (.pdf and .xls)

Description of Change:Release of updated firmware revision 0x1B5D (7005 decimal) for selected ZL30735Axx, ZL30634Axx, ZL30642Axx and ZL30640Axx device families available in 64L VQFN (9x9x1mm) package.

Pre and Post Change Summary:

	Pre Change	Post Change
Firmware	0x1B5A (7002 decimal) in the fw_ver register at address 0x00005:0x0006.	0x1B5D (7005 decimal) in the fw_ver register at address 0x00005:0x0006.

Impacts to Data Sheet:None

Note: There is no application impact as the new release conforms to the data sheets. There are no changes to the data sheets. The latest data sheets with revision DS20006552E for ZL30735A and ZL30634A, DS20006560E for ZL30642A and DS20006565C for ZL30640A are available on request from Microchip website.

Change Impact:None

Reason for Change:To improve DPLL frequency read to have full 2⁴⁸ resolution and correct bugs related to MiToDSync and MiToDBasic features.

Change Implementation Status:In Progress

Estimated First Ship Date:August 17, 2022 (date code: 2234)

Note: Please be advised that after the estimated first ship date customers may receive pre and post change parts.

Time Table Summary:

	August 2022				
Workweek	3 2	3 3	3 4	3 5	3 6
Final PCN Issue Date			x		
Estimated Implementation Date			x		

Method to Identify Change:Date code and firmware revision register: New revision of the devices with the revised firmware can be identified by reading register fw_ver at address 0x0005:0x0006. The content of this register with the revised firmware will be 0x1B5D (7005 decimal).

Qualification Report:Not applicable

Revision History:August 17, 2022: Issued final notification to reveal the appropriate firmware release.

The change described in this PCN does not alter Microchip's current regulatory compliance regarding the

material content of the applicable products.

Please contact your local **Microchip sales office** with questions or concerns regarding this notification.

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