



## Product Change Notification / ASER-16MKTS465

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### 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 2<sup>-48</sup> 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.

**Terms and Conditions:**

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If you wish to change your PCN profile, including opt out, please go to the [PCN home page](#) select login and sign into your myMicrochip account. Select a profile option from the left navigation bar and make the applicable selections.

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Affected Catalog Part Numbers (CPN)

ZL30634ALDG1

ZL30642ALDG1

ZL30640ALDG1

ZL30735ALDG1

ZL30642ALDG1Q08N

ZL30642ALDG1Q08P

ZL30634ALDG1Q08W

ZL30634ALDG1Q09F

ZL30642ALDG1Q0B6

ZL30642ALDG1Q09Y