



Product Change Notification / GBNG-170UIL579

Date:

18-Nov-2022

Product Category:

Clock and Timing - Clock Generation, Network Synchronization

PCN Type:

Manufacturing Change

Notification Subject:

eSign # E000144793 Final Notice: Release of updated firmware revision 0x1B5E (7006 decimal) for selected ZL30270, ZL30271, ZL30634A, ZL30640A, ZL30642A, ZL30732A, ZL30733A, ZL30735A, ZL30833A and ZL30934A device families available in 48L (7x7x1mm) and 64L (9x9x1mm) VQFN packages.

Affected CPNs:

[GBNG-170UIL579_Affected_CPN_11182022.pdf](#)
[GBNG-170UIL579_Affected_CPN_11182022.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 0x1B5E (7006 decimal) for selected ZL30270, ZL30271, ZL30634A, ZL30640A, ZL30642A, ZL30732A, ZL30733A, ZL30735A, ZL30833A and ZL30934A device families available in 48L (7x7x1mm) and 64L (9x9x1mm) VQFN packages.

Pre and Post Change Summary:

	Pre Change	Post Change
Firmware	<=0x1B5D (7005 decimal) in the fw_ver register at address 0x00005:0x0006	0x1B5E (7006 decimal) in the fw_ver register at address 0x00005:0x0006

Impacts to Data Sheet:None

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 for ZL30270-71, ZL3063x, ZL3064x, ZL3073x, ZL30833A and ZL30934A devices are available on request from Microchip website.

Change Impact:None

Reason for Change:To improve productivity by updating the firmware revision to 0x1B5E (7006 decimal) in the fw_ver register at address 0x00005:0x0006. For further details refer to errata DS-80001042A available on request from Microchip website.

Change Implementation Status:In Progress

Estimated First Ship Date:March 3, 2023 (date code: 2310)

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

Time Table Summary:

	November 2022					>	March 2023				
Workweek	45	46	47	48	49		10	11	12	13	14
Final PCN Issue Date			x								
Estimated Implementation Date							x				

Method to Identify Change:The 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 as follows.

Qualification Report:Not applicable.

Revision History:November 18, 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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GBNG-17OUIL579 - eSign ZL30271 ZL30634A ZL30640A ZL30642A ZL30732A ZL30733A ZL30735A

Affected Catalog Part Numbers(CPN)

- ZL30270LDG1S
- ZL30271LDG1
- ZL30634ALDG1
- ZL30634ALDG1Q08W
- ZL30634ALDG1Q09F
- ZL30634ALDG1Q0BG
- ZL30640ALDG1
- ZL30642ALDG1
- ZL30642ALDG1Q08N
- ZL30642ALDG1Q08P
- ZL30642ALDG1Q09Y
- ZL30642ALDG1Q0B6
- ZL30732ALDG1
- ZL30733ALDG1
- ZL30735ALDG1
- ZL30833ALDG1
- ZL30934ALDG1