



Product Change Notification / SYST-05YPGL197

Date:

06-Nov-2020

Product Category:

Jitter Attenuators

PCN Type:

Document Change

Notification Subject:

Data Sheet - ZL30256 Data Sheet

Affected CPNs:

[SYST-05YPGL197_Affected_CPN_11062020.pdf](#)

[SYST-05YPGL197_Affected_CPN_11062020.csv](#)

Notification Text:

SYST-05YPGL197

Microchip has released a new Product Documents for the ZL30256 Data Sheet of devices. If you are using one of these devices please read the document located at [ZL30256 Data Sheet](#).

Notification Status: Final

Description of Change: 1) In hp_out_lsdiv_0 documented that LSDIV values should be in the range 4M-25M for 1Hz or 0.5Hz outputs that participate in step-time or phase-step.

2) In ref_pfm_period documented that the field is ignored and the period internally set to 10s for the sync input of a ref-sync pair.

3) Removed all mention of spread spectrum.

4) In Table 1 changed the RST_B pin description to say device registers can be accessed 1.1s after power-up or reset.

5) Updated info::ready description.

6) In custom_config_ver register description, clarified the register is for customer use and ignored by the device.

7) In Table 10 changed VOD max to 0.95V and changed V_{CM} to $V_{OD} / 2$.

8) Changed dpll_psl description to say the valid range is 400ns/s to 65535ns/s.

9) Documented the fw_ver register.

Impacts to Data Sheet: None

Reason for Change: To Improve Productivity

Change Implementation Status: Complete

Date Document Changes Effective: 6 Nov 2020

NOTE: Please be advised that this is a change to the document only the product has not been changed.

Markings to Distinguish Revised from Unrevised Devices: N/A

Attachments:

[ZL30256 Data Sheet](#)

Please contact your local [Microchip sales office](#) with questions or concerns regarding this notification.

Terms and Conditions:

If you wish to receive Microchip PCNs via email please register for our PCN email service at our [PCN home page](#) select register then fill in the required fields. You will find instructions about registering for Microchips PCN email service in the [PCN FAQ](#) section.

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.

Affected Catalog Part Numbers (CPN)

ZL30256-LFG7-QA

ZL30256LFG7

ZL30256LFG7Q04N

ZL30256LFG7Q05R

ZL30256LFG7Q06T