



Product Change Notification - SYST-27LXTS312

Date:	02 Aug 2017
Product Category:	16-Bit - Microcontrollers and Digital Signal Controllers
Affected CPNs:	 
Notification subject:	Data Sheet - dsPIC33EPXXGS50X Family Data Sheet Data Sheet Document Revision
Notification text:	SYST-27LXTS312

Microchip has released a new DeviceDoc for the dsPIC33EPXXGS50X Family Data Sheet of devices. If you are using one of these devices please read the document located at [dsPIC33EPXXGS50X Family Data Sheet](#).

Notification Status: Final

Description of Change:

- 1) Updates Pin 14, Pin 11, Pin 41, Pin 45 and Pin 43 Functions.
- 2) Updates Table 1-1, Table 4-8, Table 4-9, Table 4-10, Table 4-11, Table 4-12, Table 4-16, Table 26-4, Table 26-40, Table 26-43 and Table 26-45.
- 3) Updates Register 5-1, Register 8-4, Register 15-22, Register 19-5, Register 19-6, Register 19-26, Register 19-27, Register 19-28, Register 19-29 and Register 19-30.
- 4) Updates Figure 20-2, Figure 26-20 and Figure 26-22.
- 5) Adds 48-Lead Thin Quad Flatpack (Y8) - 7x7x1.0 mm Body TQFP drawings to Section 28.0 "Packaging Information" section.
- 6) Updates Section 20.6 "Hysteresis"

Impacts to Data Sheet: None

Reason for Change: To Improve Manufacturability

Change Implementation Status: Complete

Date Document Changes Effective: 02 August 2017

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

Attachment(s): [dsPIC33EPXXGS50X Family Data Sheet](#)

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Affected Catalog Part Numbers (CPN)

DSPIC33EP64GS502T-I/SO
DSPIC33EP64GS502T-I/MMC07
DSPIC33EP64GS502T-I/MM
DSPIC33EP64GS502T-I/2N
DSPIC33EP64GS502T-E/SO
DSPIC33EP64GS502T-E/MM
DSPIC33EP64GS502T-E/2N
DSPIC33EP64GS502-I/WC05
DSPIC33EP64GS502-I/SO
DSPIC33EP64GS502-I/MMC07
DSPIC33EP64GS502-I/MM
DSPIC33EP64GS502-I/2N
DSPIC33EP64GS502-E/SO
DSPIC33EP64GS502-E/MM
DSPIC33EP64GS502-E/2N
DSPIC33EP32GS502T-I/SO
DSPIC33EP32GS502T-I/MM
DSPIC33EP32GS502T-I/2N
DSPIC33EP32GS502T-E/SOB2
DSPIC33EP32GS502T-E/SO
DSPIC33EP32GS502T-E/MM
DSPIC33EP32GS502T-E/2N
DSPIC33EP32GS502-I/SO
DSPIC33EP32GS502-I/MM
DSPIC33EP32GS502-I/2N
DSPIC33EP32GS502-E/SO
DSPIC33EP32GS502-E/MM
DSPIC33EP32GS502-E/2N
DSPIC33EP16GS502T-I/SO
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