PCN Number:	20180710001		PCN Date:	July 12, 2018
Title:	Datasheet for TUSB422			
Customer Contact:	PCN Manager		Dept:	Quality Services

Change Type:

☐	Assembly Site	☐	Design	☐	Wafer Bump Site
☐	Assembly Process	☒	Data Sheet	☐	Wafer Bump Material
☐	Assembly Materials	☐	Part number change	☐	Wafer Bump Process
☐	Mechanical Specification	☐	Test Site	☐	Wafer Fab Site
☐	Packing/Shipping/Labeling	☐	Test Process	☐	Wafer Fab Materials
				☐	Wafer Fab Process

Notification Details

Description of Change:

Texas Instruments Incorporated is announcing an information only notification.
The product datasheet(s) is being updated as summarized below.
The following change history provides further details.

TEXAS INSTRUMENTS

TUSB422
SLLSEW6C –NOVEMBER 2016–REVISED JUNE 2018

Changes from Revision B (August 2017) to Revision C   **Page**

- Changed the VCONN pin description in the *Pin Functions* table 3
- Deleted $V_{RX(FRS\_PD)}$ from electrical characteristics 6
- Deleted $t_{FRSWAPRX}$ from timing requirements section 8
- Added NOTE: "The TUSB422 supports all PD2.0 and PD 3.0..." to the *USB PD BMC PHY* section 12
- Deleted text from the first paragraph of the *Fast Role Swap* secton. 16
- From: Once VBUS is at VSafe0V, change .. To: Once VBUS is at VSafe0V, disable AUTO_DISCHARGE_DISCONNECT in Power Control Register and change 17
- From: Once VBUS is at vSafe5V, the TCPM should then send PS_RDY to its port partner. To: Once VBUS is at vSafe5V, the TCPM should update message header information and then send PS_RDY to its port partner. 17
- Added NOTE: "During Power-role swap, the TUSB422..." to the *Power Role Swap* section. 18
- Added NOTE: "When exiting dead battery mode..." to the *Dead Battery Mode* section. 18
- Changed bit 0 From: VCONN_OC_FAULT To Reserved in Figure 31 and Table 28 37
- Added text: "VBUS present status may be invalid..." to the Bit 2 VBUS_PRESENT description in Table 31 40
- Added text: "Before attempting to transmit..." to the *Transmit Register (address = 0x50) [reset = 0x00]* register 51
- Changed bit 0 From: FAST_ROLE_SWAP_STAT To Reserved in Figure 65 and Table 62 56
- Changed bit 0 From: FAST_ROLE_SWAP_MASK To Reserved in Figure 66 and Table 63 57
- Changed bit 3 From: FASTROLE_RX_EN To Reserved in Figure 69 and Table 66 59

The datasheet number will be changing.

Device Family	Change From:	Change To:
TUSB422	SLLSEW6B	SLLSEW6C

These changes may be reviewed at the datasheet links provided.

http://www.ti.com/product/TUSB422

Reason for Change:

To accurately reflect device characteristics.

Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative):

No anticipated impact. This is a specification change announcement only. There are no changes to the actual device.

Changes to product identification resulting from this PCN:

None.

Product Affected:

TUSB422IYFPR	TUSB422IYFPT		

For questions regarding this notice, e-mails can be sent to the regional contacts shown below or your local Field Sales Representative.

Location	E-Mail
USA	PCNAmericasContact@list.ti.com
Europe	PCNEuropeContact@list.ti.com
Asia Pacific	PCNAsiaContact@list.ti.com
Japan	PCNJapanContact@list.ti.com