



PCN# : P572AAB
Issue Date : Jul. 24, 2015

Information Only Notification

This is to inform you that a change is being made to the following products.

This is a minor change that has no impact on product quality, reliability, electrical or mechanical performance. Affected products will remain fully compliant to all published specifications. Notification is being made for informational purposes only and there is no approval required. Products incorporating this change may be shipped interchangeably with existing unchanged products.

Please contact your local Customer Quality Engineer if you have any questions regarding this notification. Alternatively, you may send an email request for information to PCNSupport@fairchildsemi.com.

Implementation of change:

Expected First Shipment Date for Changed Product : Jul. 24, 2015

Expected First Date Code of Changed Product :1530

Description of Change (From) :

- 1) VSW abs max condition did not list VCC value
- 2) AC and DC specs had a min VCC of 3.0V.

Description of Change (To) :

- 1) VSW abs max condition for VCC added, (Vcc = 0V) (Page 3)
- 2) AC and DC specs now have min VCC of 2.4V. Added to parameters VIH, VIL, Ron, ton, toff, and tBBM (pages 3-5)
- 3) Clarified the typical value conditions for USB High-Speed-related AC - added the "all typical values are for Vcc=3.3V at TA=25°C unless otherwise specified. (Page 5)

Reason for Change:

A Change is being made to the FSUSB42 datasheet to allow for a wider VCC operating range. This change will ensure that functionality will not be lost when the battery level degrades to 2.4V.

Affected Product(s): Please refer to the list of affected products in the addendum attached in the PCN email you received. This list is based on an analysis of your company's procurement history.

Appendix A: Changed Products

DIGI-KEY : DIGI-KEY

PCN Number : P572AAB

Customer Name : DIGI-KEY CORPORATION

Product	Customer Part Number	BBB	Drawing
FSUSB42MUX		Y	N
FSUSB42UMX		Y	N