



PCN# : P4AWAAB
Issue Date : Nov. 03, 2014

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 : Nov. 14, 2014

Expected First Date Code of Changed Product :1446

Description of Change (From) :

Absolute Maximum Ratings

Stresses exceeding the absolute maximum ratings may damage the device. The device may not function or be operable above the recommended operating conditions and stressing the parts to these levels is not recommended. In addition, extended exposure to stresses above the recommended operating conditions may affect device reliability. The absolute maximum ratings are stress ratings only.

Symbol	Parameter	Min.	Max.	Unit
V _{CC}	Supply/Control Voltage	0	5.5	V
V _{IN}	Input Voltage (Select Pins)	0	V _{CC}	V
V _{SW(ON)}	DC Switch I/O Voltage (Switch Conducting) V _{CC} =0 V	-5	+5	V

Description of Change (To) :

Absolute Maximum Ratings

Stresses exceeding the absolute maximum ratings may damage the device. The device may not function or be operable above the recommended operating conditions and stressing the parts to these levels is not recommended. In addition, extended exposure to stresses above the recommended operating conditions may affect device reliability. The absolute maximum ratings are stress ratings only.

Symbol	Parameter	Min.	Max.	Unit
V _{CC}	Supply/Control Voltage	0	4.6	V
V _{IN}	Input Voltage (Select Pins)	0	V _{CC}	V
V _{SW(ON)}	DC Switch I/O Voltage (Switch Conducting) V _{CC} =0 V	-4	+4	V

Reason for Change:

The FSA550 Absolute Maximum ratings are being adjusted to correctly align with Fairchild's Depletion Mode switch family voltage characteristics and the process technology associated with these products.

Note that there are no changes to Recommended Operating Conditions which defines the voltage ranges for actual device operation in an application. All subsequent datasheet parameters and device performance which are aligned with the Recommended Operating Conditions remain unchanged.

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

PCN Number : P4AWAAB

Product	Customer Part Number	BBB	Drawing
FSA550UCX		Y	N