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PCN Date: 01Nov10		Effective Date: 01Nov10	
Title: Si4430/31/32-B1 Datasheet Revision 1.1			
Originator: Johnny Tan		Phone: +65.6511.6424	Dept: Supplier Quality
Customer Contact: Kathy Haggar		Phone: +1.512.532.5261	Dept: Inside Sales
PCN Type: ☐ Assembly ☐ Discontinuance ☐ Package ☐ Test ☒ Datasheet ☐ Fabrication ☐ Product Revision ☐ Packing ☐ Labeling ☐ Location ☐ Other Last Order Date: N/A			
PCN Details			
Description of Change: Silicon Labs is pleased to announce rev 1.1 of the Si443x-B1 datasheet. The datasheet has been updated with the following items: • Updated pin 6, ANT1 to ANT • Changed error in TX Datarate formula, "3.5.7. TX Data Rate Generator" on page 31 • Updated "6.1. RX and TX FIFOs" on page 41 regarding the operation at the end of TX FIFO mode • Updated description of general purpose ADC, "8.3 General Purpose ADC" on page 52 • Added paragraph to "8.6. Wake-Up Timer and 32 kHz Clock Source" on page 56 for how 32 kHz XTAL accuracy is determined • Added paragraph to "8.8. GPIO Configuration" on page 59 to describe how to control the ANT pin • Deleted 100 ppm 32 kHz XTAL accuracy specification • Added new specification for 32k RC start-up • Updated 32 kHz RC accuracy • Updated preamble pattern to 010101 from 101010 • Deleted app notes which are not published • Deleted tape and reel quantity			
Reason for Change: Update the datasheet per Description of Change above to improve descriptions and accuracy			
Impact on Form, Fit, Function, Quality, Reliability: There is no impact on form, fit, function, quality or reliability			

Product Identification:

This PCN applies to devices using the following ordering part numbers:

Affected Ordering Part Numbers	
Si4431-B1-FM	Si4432-B1-ZM1
Si4431-B1-ZM1	Si4432-B1-ZM2
Si4431-B1-ZM2	Si4430-B1-FM
Si4432-B1-FM	

Note: Affected Part Numbers also include tape and reel equivalents ("R" suffix)

Last Date of Unchanged Product: N/A

Qualification Samples: N/A

Qualification Data: N/A

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