

PCN Date: 24Apr09		Effective Date: 31Oct09	
Title: Si4421-A1 Announcement, Si4421-A0 EOL			
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<b>PCN Type:</b> <input type="checkbox"/> Assembly <input checked="" type="checkbox"/> Discontinuance <input type="checkbox"/> Package <input type="checkbox"/> Test <input type="checkbox"/> Datasheet <input type="checkbox"/> Fabrication <input checked="" type="checkbox"/> Product Revision <input type="checkbox"/> Packing <input type="checkbox"/> Labeling <input type="checkbox"/> Location <input type="checkbox"/> Other			
Last Order Date: 31Oct09 for Si4421-A0-FDI, FT, ZT1 & ZT2			
<b>PCN Details</b>			
<b>Description of Change:</b> Silicon Laboratories is pleased to announce revision A1 of the Si4421 EZRadio® Transceiver. <ul style="list-style-type: none"> <li>▪ The A1 revision is a pin compatible, drop-in replacement for the Si4421-A0 device, except as noted below.</li> <li>▪ All applicable datasheets and application notes are available on the Silicon Labs' website or through your local Sales agent. Revision A1 devices are available in sample and production volumes.</li> </ul> <p>Silicon Laboratories will be discontinuing the A0 revision in the Si4421 family, which includes the following ordering part numbers:</p> <ul style="list-style-type: none"> <li>• Si4421-A0-FDI</li> <li>• Si4421-A0-FT</li> <li>• Si4421-A0-ZT1</li> <li>• Si4421-A0-ZT2</li> </ul> <p><b>Last Order Date:</b> Last-time buy orders for these part numbers must be placed by 31Oct09. Shipment of orders from Silicon Labs will be completed by 30Apr10. All orders are non-cancellable and non-returnable.</p>			
<b>Reason for Change:</b> Resolving the following issues: <ol style="list-style-type: none"> <li>1) Crystal Oscillator startup time in default mode             <ul style="list-style-type: none"> <li>▪ Circuit modified to improve startup time New POR default value of PLL Setting Command = CC77h (bit 4 = '1') changing the control bit to 0 should be avoided.</li> </ul> </li> <li>2) Strong Ripple on V<sub>dd</sub> during POR caused unpredictable reset behavior             <ul style="list-style-type: none"> <li>▪ Improved power supply rejection implemented for the POR circuit</li> </ul> </li> </ol>			
<b>Impact on Form, Fit, Function, Quality, Reliability:</b> As listed in 'Reason for Change'			



## Process Change Notice #0904242

<b>Product Identification:</b> Si4421-A1-FT, Si4421-A1-FDI (New part numbers)
Si4421-A0-FDI, Si4421-A0-FT, Si4421-A0-ZT1, Si4421-A0-ZT2 (End of Life part numbers)
<b>Last Date of Unchanged Product:</b> 31Oct09
<b>Qualification Samples:</b> Available