



End of Life (EOL) Change Notice #1506302

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EOL Date: 6/30/2015		EOL Effective Date: 6/30/2016	
Title: CMEMS EOL and LTB for Si501/2/3/4 and Si50122			
Originator: David McParland	Phone: 512-464-9235	Dept: Timing Marketing	
Customer Contact: Kathy Hagggar	Phone: 512-532-5261	Dept: Inside Sales	
PCN Type: End of Life			
Last Time Buy (Order) Date: 12/31/2015			

PCN Details								
<p>Description of Change:</p> <p>Silicon Labs announces an End of Life (EOL) and Last Time Buy (LTB) for all CMEMS products. This includes Si501, Si502, Si503, Si504, and Si50122 products.</p> <p>Due to changes in market conditions, Silicon Labs has decided to discontinue its CMEMS product line. This decision affects CMEMS products only. All Si5xx XO/VCXO products will continue to be fully supported and are available in mass production.</p> <p>The key dates for this EOL are listed in the table below:</p> <table border="1"> <thead> <tr> <th>EOL Date</th> <th>Last Time Buy (Order) Date</th> <th>EOL Effective Date</th> </tr> </thead> <tbody> <tr> <td>6/30/2015</td> <td>12/31/2015</td> <td>6/30/2016</td> </tr> </tbody> </table> <p>All orders, including Last Time Buy orders, for these devices must be placed by the Last Order Date (31 December 2015) and have a customer requested delivery date prior to the EOL Effective date (30 June 2016). Any orders with a customer requested delivery date between the Last Order Date and the EOL Effective Date will be non-cancellable and non-returnable (NCNR). Any custom parts are also NCNR. Orders with a CRD date beyond the EOL Effective Date (30 June 2016) will not be accepted.</p> <p>If you have questions about this EOL, please contact your Silicon Labs sales representative. A list of Silicon Labs sales representatives is available at www.silabs.com.</p>			EOL Date	Last Time Buy (Order) Date	EOL Effective Date	6/30/2015	12/31/2015	6/30/2016
EOL Date	Last Time Buy (Order) Date	EOL Effective Date						
6/30/2015	12/31/2015	6/30/2016						
Reason for Change: End of Life								
Impact on Form, Fit, Function, Quality, Reliability: None								



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Product Identification:

Si501, Si502, Si503, and Si504 products are custom devices. Part numbers ending with an “R” indicate tape and reel (T&R) packaging. The third character from the end (fourth character from the end if T&R) indicates the product package size which is a key parameter for determining an appropriate replacement option.

Silicon Labs Si510, Si512, and Si514 crystal oscillator (XO) products are compatible with CMEMS devices in 5x7mm and 3.2x5mm package sizes as shown in the table below.

It is also possible to use a small crystal and Si51210 “Tiny Clock” clock generator (1.2x1.4mm) for any CMEMS package size to achieve the oscillator function in a small PCB footprint. Please contact Silicon Labs for more information about Tiny Clock solutions.

Drop-in compatible solutions for some of these devices are also available from other suppliers. If needed, please contact Silicon Labs for guidance regarding second-sourcing options.

Existing Part Number	Replacement Part Family / Part number	Drop in Compatible?
501xxxxxxxxxAx (5x7mm)	Si510	See Data Sheet
501xxxxxxxxxBAx (3.2x5mm)	Si510	See Data Sheet
501xxxxxxxxxCAx (3.2x2.5mm)	Si510	No
501xxxxxxxxxDAx (2x2.5mm)	Si510	No
502xxxxxxxxxBAx (3.2x5mm)	Si512	See Data Sheet
502xxxxxxxxxCAx (3.2x2.5mm)	Si512	No
502xxxxxxxxxDAx (2x2.5mm)	Si512	No
503xxxxxxxxxxxx	N/A	N/A
504xxxxxxxxxBAx (3.2x5mm)	Si514	See Data Sheet
504xxxxxxxxxCAx (3.2x2.5mm)	Si514	No
504xxxxxxxxxDAx (2x2.5mm)	Si514	No
Si50122-A1-GM	Si52112-A1-GM2	No
Si50122-A2-GM	Si52112-A2-GM2	No
Si50122-A3-GM	Si52112-A3-GM2	No
Si50122-A4-GM	Si52112-A4-GM2	No
Si50122-A5-GM	Si52112-A5-GM2	No
Si50122-A6-GM	Si52112-A6-GM2	No

Please note: “50xxxxxxxx” above refers to a custom part number, e.g. 501JAA10M000AAG. Part numbers ending with an added “R” indicate tape and reel.

Last Date of Unchanged Product: Not Applicable

Qualification Samples: Not Applicable

Customer Early Acceptance Sign Off:

Customers may approve early PCN acceptance by completing the information below:

Early Acceptance: Date: _____

 Name: _____

 Company: _____

Email your early Acceptance approval to: katherine.hagggar@silabs.com