



200902851 Release of Automotive Grade Isolation Devices

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Description of Change

Silicon Labs is pleased to announce the availability of automotive grade isolation devices including– the Si86xx, Si87xx, and Si88xx digital isolator families; the Si823x, Si826x, Si827x, Si828x, Si8239x, and Si823Hx isolated gate driver families; and the Si892x isolated analog family. Our automotive grade products are the same internal die as the industrial grade, with zero defect methodologies incorporated into automotive specific manufacturing and production test flows. In addition, we provide priority RMA support with 8D reports and corrective action plans. Finally, PPAP, IMDS, and CAMDS documentation is available for automotive grade material. Automotive grade products are listed in the product data sheets and contain -A in the part number. As shown in the examples below, automotive grade part numbers replace “-I” in the part number with “-A” and eliminate the revision letter in the part number if it exists. The product data sheets list the available automotive grade part numbers for each product family. Please contact Silicon Labs for more information if an automotive grade device is not listed and for further details about our automotive grade isolation devices.

Industrial grade and automotive part number examples:

Si8660BC-B-IS1 -> Si8660BC-AS1 (-B is dropped and -I is changed to -A)
Si8602AD-B-IS -> Si8602AD-AS (-B is dropped and -I is changed to -A)
Si8662BC-B-IS1 -> Si8662BC-AS1 (-B is dropped and -I is changed to -A)
Si8631BC-B-IS1 -> Si8631BC-AS1 (-B is dropped and -I is changed to -A)
Si8631BD-B-IS -> Si8631BD-AS (-B is dropped and -I is changed to -A)
Si88443EC-IS -> Si88443EC-AS (coming soon, -I is changed to -A)
Si8233BD-D-IS -> Si8233BD-AS (-D is dropped and -I is changed to -A)

Reason for Change

To better meet the needs of our automotive customers, Silicon Labs now offers automotive grade isolation devices.

Product Identification

Existing Part

SI823H1BD-AS3
SI823H1BD-AS3R
SI823H6BB-AS1
SI823H6BB-AS1R
SI823H8AB-AM1
SI823H8AB-AM1R
SI8230AB-AS
SI8230AB-AS1
SI8230AB-AS1R
SI8230AB-ASR
SI8230AC-AS1
SI8230AC-AS1R
SI8230AD-AS
SI8230AD-AS3
SI8230AD-AS3R
SI8230AD-ASR
SI8230BB-AS
SI8230BB-AS1
SI8230BB-AS1R
SI8230BB-ASR
SI8230BC-AS1
SI8230BC-AS1R

SI8230BD-AS
SI8230BD-AS3
SI8230BD-AS3R
SI8230BD-ASR
SI8231AB-AS
SI8231AB-AS1
SI8231AB-AS1R
SI8231AB-ASR
SI8231AC-AS1
SI8231AC-AS1R
SI8231AD-AS
SI8231AD-AS3
SI8231AD-AS3R
SI8231AD-ASR
SI8231BB-AS
SI8231BB-AS1
SI8231BB-AS1R
SI8231BB-ASR
SI8231BC-AS1
SI8231BC-AS1R
SI8231BD-AS
SI8231BD-AS3
SI8231BD-AS3R
SI8231BD-ASR
SI8232AB-AS
SI8232AB-AS1
SI8232AB-AS1R
SI8232AB-ASR
SI8232AC-AS1
SI8232AC-AS1R
SI8232AD-AS
SI8232AD-AS3
SI8232AD-AS3R
SI8232AD-ASR
SI8232BB-AS
SI8232BB-AS1
SI8232BB-AS1R
SI8232BB-ASR
SI8232BC-AS1
SI8232BC-AS1R
SI8232BD-AS
SI8232BD-AS3
SI8232BD-AS3R
SI8232BD-ASR
SI8232DB-AS
SI8232DB-ASR
SI8233AB-AM
SI8233AB-AM1
SI8233AB-AM1R
SI8233AB-AMR
SI8233AB-AS
SI8233AB-AS1
SI8233AB-AS1R
SI8233AB-ASR
SI8233AC-AS1
SI8233AC-AS1R
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SI8233AD-AS3
SI8233AD-AS3R
SI8233AD-ASR
SI8233BB-AM
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SI8233BB-ASR
SI8233BC-AS1
SI8233BC-AS1R
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SI8233BD-AS3
SI8233BD-AS3R
SI8233BD-ASR
SI8233CB-AM
SI8233CB-AMR
SI8234AB-AM
SI8234AB-AM1
SI8234AB-AM1R
SI8234AB-AMR
SI8234AB-AS
SI8234AB-AS1
SI8234AB-AS1R
SI8234AB-ASR
SI8234AC-AS1
SI8234AC-AS1R
SI8234AD-AS
SI8234AD-AS3
SI8234AD-AS3R
SI8234AD-ASR
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SI8234BB-AS1
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SI8238AD-ASR
SI8238BB-AS1
SI8238BB-AS1R
SI8238BD-AS
SI8238BD-AS3
SI8238BD-AS3R
SI8238BD-ASR
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SI8261BBC-APR
SI8261BBC-AS
SI8261BBC-ASR
SI8261BCC-AS
SI8261BCC-ASR
SI8261BCD-AS
SI8261BCD-ASR
SI8271AB-AS
SI8271AB-ASR
SI8271BB-AS
SI8271BB-ASR
SI8271DB-AS
SI8271DB-ASR
SI8271GB-AS
SI8271GB-ASR
SI8273DB-AS1
SI8273DB-AS1R
SI8274BB4D-AS1
SI8274BB4D-AS1R
SI8274DB1-AS1
SI8274DB1-AS1R
SI8275BB-AS1
SI8275BB-AS1R
SI8275DB-AS1
SI8275DB-AS1R
SI8275GB-AS1
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SI8285CC-ASR
SI8285CD-AS
SI8285CD-ASR
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SI8286CC-ASR
SI8286CD-AS
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SI8600AB-ASR
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SI8610BC-ASR
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SI8610ED-AS
SI8610ED-ASR
SI8620AB-AS
SI8620AB-ASR
SI8620BB-AS
SI8620BB-ASR
SI8620BC-AS
SI8620BC-ASR
SI8620BD-AS
SI8620BD-ASR
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SI8620BT-AS2
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SI8620BT-ASR
SI8620DB-AS
SI8620DB-ASR
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SI8620EB-ASR
SI8620EC-AS
SI8620EC-ASR
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SI8620ED-ASR
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SI8640BD-ASR
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SI8642EB-AUR
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SI8650BB-AUR
SI8650BC-AS1
SI8650BC-AS1R
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SI8650BD-ASR
SI8650EB-AU
SI8650EB-AUR
SI8650EC-AS1
SI8650EC-AS1R
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SI8660BC-AS1R
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SI8660BD-ASR
SI8660EB-AU
SI8660EB-AUR
SI8660EC-AS1
SI8660EC-AS1R
SI8660ED-AS
SI8660ED-ASR
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SI8716BC-AP
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SI82398BD-AS3R
SI82398BD-ASR
SI82398CB4-AS1
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SI82398CD4-AS
SI82398CD4-AS3
SI82398CD4-AS3R
SI82398CD4-ASR
SI82398CD-AS
SI82398CD-AS3
SI82398CD-AS3R
SI82398CD-ASR
SI88241EC-AS
SI88241EC-ASR
SI88241ED-AS
SI88241ED-ASR
SI88321EC-AS
SI88321EC-ASR
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SI88342EC-ASR
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SI88642EC-ASR

This change is considered a minor change which does not affect form, fit, function, quality, or reliability. The information is being provided as a customer courtesy.

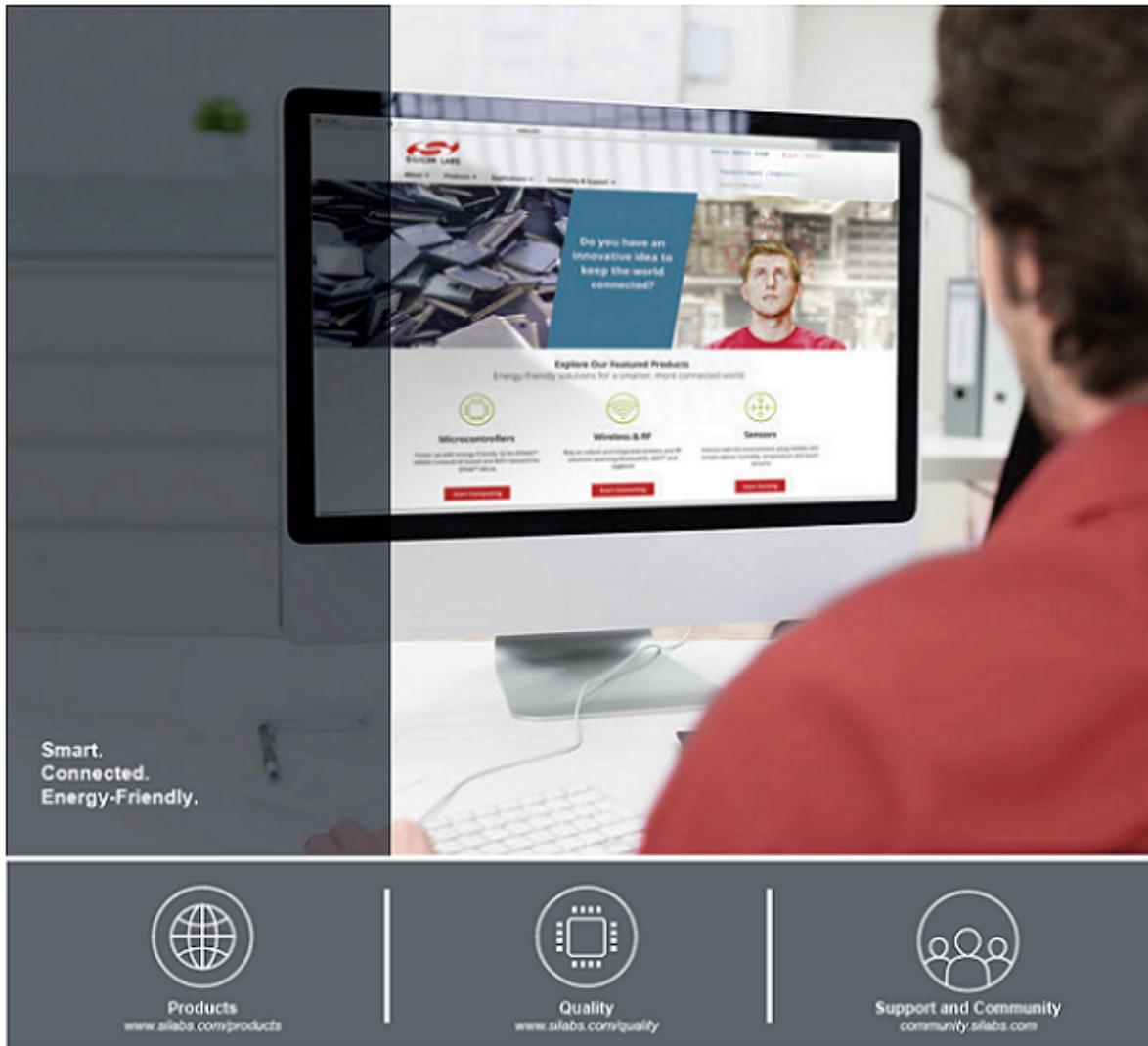
Please contact your local Silicon Labs sales representative with any questions about this notification. A list of Silicon Labs sales representatives may be found at <http://www.silabs.com>.

Customer Actions Needed:

None.

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