# 200818846 Si4010 Datasheet Revision 1.1 Released

**PCN Issue Date:** 8/18/2020

**Effective Date:** 11/24/2020

**PCN Type:** Datasheet

## Description of Change

Silicon Labs is pleased to announce the release of revision 1.1 for Si4010. Compared to revision 1.0, the updates include
☐ Updated "Ordering Information" on page 15. Automotive qualified Orderable Part Numbers Si4010-C2-AT and Si4010-C2-AS included in table 4.1
☐ Updated Table 10.3, "DC Characteristics," on page 29.
☐ Updated Table 10.4, "Si4010 RF Transmitter Characteristics," on page 30.
☐ Updated Table 10.6, "Optional Crystal Oscillator Characteristics," on page 31.
☐ Updated "Setting Basic Si4010 Transmit Parameters" on page 35.
☐ Changed "Crystall Oscillator (XO)" section to "Crystal Oscillator (XO)" on page 49.
☐ Updated "16.1. Register Description" on page 50. ☐ Updated "23.9. NVM (OTP) Memory" on page 68.

## Reason for Change

The Datasheet is updated to include the added features and part numbers.

## Impact on Form, Fit, Function, Quality, Reliability

No impact to Form, Fit, Function and reliability. The PCN announces the availability of automotive qualified OPNs.

## Product Identification

```
Existing Part #
SI4010-C2-AS
SI4010-C2-ASR
SI4010-C2-AT
SI4010-C2-ATR
SI4010-C2-GS
SI4010-C2-GSR
SI4010-C2-GT
SI4010-C2-GTR
SI4010-C2-ZS1
SI4010-C2-ZS1R
SI4010-C2-ZS4
SI4010-C2-ZS4R
SI4010-C2-ZT1
SI4010-C2-ZT1R
SI4010-C2M0AGS
SI4010-C2M0AGSR
SI4010-C2M0BGS
SI4010-C2M0BGSR
SI4010-C2M0CGS
SI4010-C2M0CGSR
SI4010-C2M0KGS
SI4010-C2M0KGSR
SI4010-C2M0RGS
SI4010-C2M0RGSR
SI4010-C2M0RGT
SI4010-C2M0RGTR
```

```
SI4010-C2M0SGS
SI4010-C2M0SGSR
SI4010-C2M0UGT
SI4010-C2M0UGTR
SI4010-C2M1ZGT
SI4010-C2M1ZGTR
SI4010-C2M00GS
SI4010-C2M00GSR
SI4010-C2M00GT
SI4010-C2M00GTR
SI4010-C2M01GS
SI4010-C2M01GSR
SI4010-C2M01GT
SI4010-C2M01GTR
SI4010-C2M02GT
SI4010-C2M02GTR
SI4010-C2M03GT
SI4010-C2M03GTR
SI4010-C2M04GT
SI4010-C2M04GTR
SI4010-C2M07GS
SI4010-C2M07GSR
SI4010-C2M09GS
SI4010-C2M09GSR
SI4010-C2P01GT
SI4010-C2P01GTR
SI4010-C2P02GT
SI4010-C2P02GTR
SI4010-C200AGS
SI4010-C200AGSR
SI4010-C200BGS
SI4010-C200BGSR
SI4010-C200CGS
SI4010-C200CGSR
SI4010-C200DGS
SI4010-C200DGSR
SI4010-C200FGT
SI4010-C200FGTR
SI4010-C200GGS
SI4010-C200GGSR
SI4010-C200HGS
SI4010-C200HGSR
SI4010-C200JGS
SI4010-C200JGSR
SI4010-C200RGT
SI4010-C200RGTR
SI4010-C200SGT
SI4010-C200SGTR
SI4010-C200WGT
SI4010-C200WGTR
SI4010-C200YGT
SI4010-C200YGTR
SI4010-C200ZGT
SI4010-C200ZGTR
SI4010-C201AGT
SI4010-C201AGTR
SI4010-C201BGT
SI4010-C201BGTR
SI4010-C201GGT
SI4010-C201GGTR
SI4010-C201LGT
SI4010-C201LGTR
SI4010-C201MGT
SI4010-C201MGTR
SI4010-C201NGS
SI4010-C201NGSR
SI4010-C201PGT
```

```
SI4010-C201PGTR
SI4010-C201QGT
SI4010-C201QGTR
SI4010-C201RGT
SI4010-C201RGTR
SI4010-C201SGT
SI4010-C201SGTR
SI4010-C201TGT
SI4010-C201TGTR
SI4010-C201UGT
SI4010-C201UGTR
SI4010-C201YGT
SI4010-C201YGTR
SI4010-C201ZGT
SI4010-C201ZGTR
SI4010-C2001AT
SI4010-C2001ATR
SI4010-C2002AT
SI4010-C2002ATR
SI4010-C2002GS
SI4010-C2002GSR
SI4010-C2003AT
SI4010-C2003ATR
SI4010-C2004AT
SI4010-C2004ATR
SI4010-C2007GS
SI4010-C2007GSR
SI4010-C2008GS
SI4010-C2008GSR
SI4010-C2009GS
SI4010-C2009GSR
SI4010-C2010GT
SI4010-C2010GTR
SI4010-C2011GS
SI4010-C2011GSR
SI4010-C2012GT
SI4010-C2012GTR
SI4010-C2014GT
SI4010-C2014GTR
SI4010-C2016GS
SI4010-C2016GSR
SI4010-C2017GT
SI4010-C2017GTR
SI4010-C2019GT
SI4010-C2019GTR
```

**Last Date of Unchanged Product:**   11/24/2020

## Qualification Samples

N/A

## Customer Response

Lack of acknowledgment of the PCN within 30 days constitutes acceptance of the change, Ref. JEDEC-J-STD-046.

To request further data or inquire about this notification, please contact your Silicon Labs sales representative.  A list of Silicon Labs sales representatives is available at http://www.silabs.com.
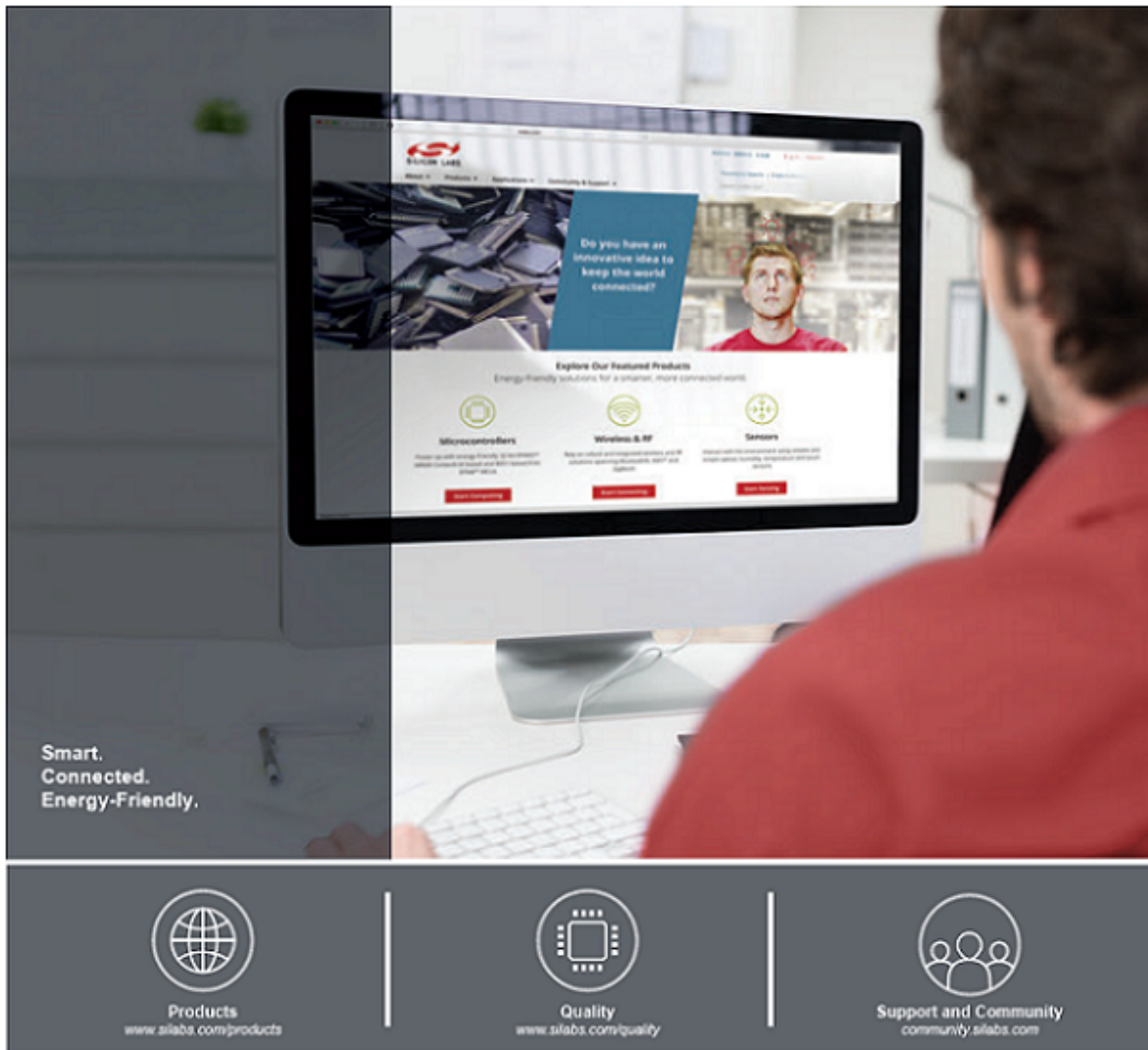
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