



THE DATASHEET OF
SIT1602AI-82-33S-25.000000



FAQ – New revision products

1. What revision B products has SiTime rolled out?

The table below provides a summary of the rev. B part numbers and their rev. A counterparts.

	Rev. B	Rev. A
Low Power Oscillators	SiT1602B, SiT8008B, SiT8009B	SiT1602A, SiT8008A, SiT8009A
High-Temp Oscillators	SiT1618B, SiT8918B, SiT8919B, SiT8920B, SiT8921B	SiT1618A, SiT8918A, SiT8919A, SiT8920A, SiT8921A
SOT23 Oscillators / Clock Generators	SiT2001B, SiT2002B, SiT2018B, SiT2019B, SiT2020B, SiT2021B	SiT2001A, SiT2002A, SiT2018A, SiT2019A, SiT2020A, SiT2021A

2. Why did SiTime update the product revision to B?

SiTime enabled a programmable option for a very large customer to accommodate their specific system level requirement. Consequently SiTime is rolling out revision B to all of our customers in order to maximize our supply chain and inventory management efficiency.

3. What kind of changes has SiTime made on the rev B?

An additional programmable option is enabled in rev B, but spec-wise, rev B is the same as rev A, except the IDD max value for 3.3V is slightly higher in the new rev.

4. What is the difference between A and B?

Max current consumption is increased by a small amount (0.1 to 0.2 mA) in some cases.

5. What is the benefit of using rev B?

The main benefit over time is better lead time as SiTime will have more rev B inventory in the channel and at our factory as our large customers have been or are transitioning over to rev B.

6. Will Rev A still be available?

Yes, there will be absolutely no change for our customers who are using rev A in their existing designs. We will continue to ship in volume to support these designs.

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