



**THE DATASHEET OF  
SIT8008AI-21-33E-8.000000**



## 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.

	<b>Rev. B</b>	<b>Rev. A</b>
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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