



### ISL1208IB8Z

Part Number: **ISL1208IB8Z**  
 Product Description: IC RTC CLK/CALENDAR I2C 8-SOIC  
 RoHs Status: Lead free / RoHS Compliant  
 Datasheets: [ISL1208IB8Z.pdf](#)

Manufacturer/Brand: Intersil  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

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Image may be representation.  
 See specifications for product details.

#### Product details

<b>Part Number</b>	ISL1208IB8Z	<b>Manufacturer</b>	Intersil
<b>Description</b>	IC RTC CLK/CALENDAR I2C 8-SOIC	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Data sheet</b>	ISL1208IB8Z.pdf		
<b>Voltage - Supply, Battery</b>	1.8 V ~ 5.5 V	<b>Voltage - Supply</b>	2.7 V ~ 5.5 V
<b>Type</b>	Clock/Calendar	<b>Time Format</b>	HH:MM:SS (12/24 hr)
<b>Supplier Device Package</b>	8-SOIC	<b>Series</b>	-
<b>Packaging</b>	Tube	<b>Package / Case</b>	8-SOIC (0.154", 3.90mm Width)
<b>Operating Temperature</b>	-40°C ~ 85°C	<b>Mounting Type</b>	Surface Mount
<b>Moisture Sensitivity Level (MSL)</b>	1 (Unlimited)	<b>Memory Size</b>	2B
<b>Manufacturer Standard Lead Time</b>	8 Weeks	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Interface</b>	I <sup>2</sup> C, 2-Wire Serial	<b>Features</b>	Alarm, Leap Year, SRAM
<b>Detailed Description</b>	Real Time Clock (RTC) IC Clock/Calendar 2B I <sup>2</sup> C, 2-Wire Serial 8-SOIC (0.154", 3.90mm Width)	<b>Date Format</b>	YY-MM-DD-dd
<b>Current - Timekeeping (Max)</b>	4µA ~ 6µA @ 3V ~ 5V	<b>Base Part Number</b>	ISL1208

#### Related Products

<p><b>ISL1208IB8Z-TK</b>                  Manufacturers: Intersil                  Description: IC RTC CLK/CALENDAR I2C 8-SOIC                  Download: <a href="#">ISL1208IB8Z-TK.pdf</a></p> <p><a href="#">RFQ</a></p>	<p><b>ISL12082IUZ-T</b>                  Manufacturers: Intersil                  Description: IC RTC CLK/CALENDAR I2C 10-MSOP                  Download: <a href="#">ISL12082IUZ-T.pdf</a></p> <p><a href="#">RFQ</a></p>
<p><b>ISL12082IB8Z-T</b>                  Manufacturers: Intersil                  Description: IC RTC CLK/CALENDAR I2C 8-SOIC                  Download: <a href="#">ISL12082IB8Z-T.pdf</a></p> <p><a href="#">RFQ</a></p>	<p><b>ISL1208DBEV1Z</b>                  Manufacturers: Intersil                  Description: EVAL BOARD FOR ISL1208                  Download: <a href="#">ISL1208DBEV1Z.pdf</a></p> <p><a href="#">RFQ</a></p>
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<p><b>ISL1208IRT8Z-TK</b>                  Manufacturers: Intersil                  Description: IC RTC CLK/CALENDAR I2C 8-TDFN                  Download: <a href="#">ISL1208IRT8Z-TK.pdf</a></p> <p><a href="#">RFQ</a></p>	<p><b>ISL1208IB8ZR5291</b>                  Manufacturers: Intersil                  Description: IC RTC CLK/CALENDAR I2C 8-SOIC                  Download: <a href="#">ISL1208IB8ZR5291.pdf</a></p> <p><a href="#">RFQ</a></p>
<p><b>ISL12082IUZ</b>                  Manufacturers: Intersil                  Description: IC RTC CLK/CALENDAR I2C 10-MSOP                  Download: <a href="#">ISL12082IUZ.pdf</a></p> <p><a href="#">RFQ</a></p>	<p><b>ISL1208IB8</b>                  Manufacturers: Intersil                  Description: IC RTC CLK/CALENDAR I2C 8-SOIC                  Download: <a href="#">ISL1208IB8.pdf</a></p> <p><a href="#">RFQ</a></p>

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