



### 1337GCSRI

Part Number: **1337GCSRI**  
 Product Description: IC RTC CLK/CALENDAR I2C 16-SOIC  
 RoHs Status: Contains lead / RoHS non-compliant  
 Datasheets: [1.1337GCSRI.pdf](#) [2.1337GCSRI.pdf](#)

Manufacturer/Brand: **IDT (Integrated Device Technology)**  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

[SUBMIT RFQ](#)

Image may be representation.  
 See specifications for product details.

#### Product details

|                                    |  |   |                                      |             |
|------------------------------------|--|---|--------------------------------------|-------------|
| <b>Part Number</b>                 | 1337GCSRI  | <b>Manufacturer</b>                     | IDT (Integrated Device Technology)   |             |
| <b>Description</b>                 | IC RTC CLK/CALENDAR I2C 16-SOIC  | <b>Lead Free Status / RoHS Status</b>   | Contains lead / RoHS non-compliant   |             |
| <b>Data sheet</b>                  | 1.1337GCSRI.pdf 2.1337GCSRI.pdf  |   |                                      |             |
| <b>Voltage - Supply, Battery</b>   | -  | <b>Voltage - Supply</b>                 | 1.8 V ~ 5.5 V                        |             |
| <b>Type</b>                        | Clock/Calendar   | <b>Time Format</b>                      | HH:MM:SS (12/24 hr)                  |             |
| <b>Supplier Device Package</b>     | 16-SOIC  | <b>Series</b>                           | -                                    |             |
| <b>Packaging</b>                   | Tube   | <b>Package / Case</b>                   | 16-SOIC (0.295", 7.50mm Width)       |             |
| <b>Other Names</b>                 | IDT1337GCSRI<br>IDT1337GCSRI-ND  | <b>Operating Temperature</b>            | -40°C ~ 85°C                         |             |
| <b>Mounting Type</b>               | Surface Mount  | <b>Moisture Sensitivity Level (MSL)</b> | 3 (168 Hours)                        |             |
| <b>Memory Size</b>                 | -  | <b>Lead Free Status / RoHS Status</b>   | Contains lead / RoHS non-compliant   |             |
| <b>Interface</b>                   | I <sup>2</sup> C, 2-Wire Serial  | <b>Features</b>                         | Alarm, Leap Year, Square Wave Output |             |
| <b>Detailed Description</b>        | Real Time Clock (RTC) IC Clock/Calendar I <sup>2</sup> C, 2-Wire Serial 16-SOIC (0.295", 7.50mm Width) |   | <b>Date Format</b>                   | YY-MM-DD-dd |
| <b>Current - Timekeeping (Max)</b> | 0.6µA @ 1.3V ~ 1.8V  |   | <b>Base Part Number</b>              | IDT1337     |

#### Related Products

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| <p><b>1337DCGI8</b><br/>                 Manufacturers: IDT (Integrated Device Technology)<br/>                 Description: IC RTC CLK/CALENDAR I2C 8-SOIC<br/>                 Download: <a href="#">1337DCGI8.pdf</a></p> <p><a href="#">RFQ</a></p>    | <p><b>1337GDVGI</b><br/>                 Manufacturers: IDT (Integrated Device Technology)<br/>                 Description: IC RTC CLK/CALENDAR I2C 8-TSSOP<br/>                 Download: <a href="#">1337GDVGI.pdf</a></p> <p><a href="#">RFQ</a></p>   |
| <p><b>1337GDCGI8</b><br/>                 Manufacturers: IDT (Integrated Device Technology)<br/>                 Description: IC RTC CLK/CALENDAR I2C 8-SOIC<br/>                 Download: <a href="#">1337GDCGI8.pdf</a></p> <p><a href="#">RFQ</a></p>  | <p><b>1337DCGI</b><br/>                 Manufacturers: IDT (Integrated Device Technology)<br/>                 Description: IC RTC CLK/CALENDAR I2C 8-SOIC<br/>                 Download: <a href="#">1337DCGI.pdf</a></p> <p><a href="#">RFQ</a></p>      |
| <p><b>1337DVGI</b><br/>                 Manufacturers: IDT (Integrated Device Technology)<br/>                 Description: IC RTC CLK/CALENDAR I2C 8-MSOP<br/>                 Download: <a href="#">1337DVGI.pdf</a></p> <p><a href="#">RFQ</a></p>      | <p><b>1337BDCGI</b><br/>                 Manufacturers: IDT (Integrated Device Technology)<br/>                 Description: IC RTC CLK/CALENDAR I2C 8SOIC</p> <p><a href="#">RFQ</a></p>  |
| <p><b>1337BDCGI8</b><br/>                 Manufacturers: IDT (Integrated Device Technology)<br/>                 Description: IC RTC CLK/CALENDAR I2C 8SOIC</p> <p><a href="#">RFQ</a></p>   | <p><b>1337GNLGI</b><br/>                 Manufacturers: IDT (Integrated Device Technology)<br/>                 Description: IC RTC CLK/CAL I2C 16-VFQFPN<br/>                 Download: <a href="#">1337GNLGI.pdf</a></p> <p><a href="#">RFQ</a></p>      |
| <p><b>1337GCSRI8</b><br/>                 Manufacturers: IDT (Integrated Device Technology)<br/>                 Description: IC RTC CLK/CALENDAR I2C 16-SOIC<br/>                 Download: <a href="#">1337GCSRI8.pdf</a></p> <p><a href="#">RFQ</a></p> | <p><b>1337GDVGI8</b><br/>                 Manufacturers: IDT (Integrated Device Technology)<br/>                 Description: IC RTC CLK/CALENDAR I2C 8-TSSOP<br/>                 Download: <a href="#">1337GDVGI8.pdf</a></p> <p><a href="#">RFQ</a></p> |
| <p><b>1337GDCGI</b><br/>                 Manufacturers: IDT (Integrated Device Technology)<br/>                 Description: IC RTC CLK/CALENDAR I2C 8-SOIC<br/>                 Download: <a href="#">1337GDCGI.pdf</a></p> <p><a href="#">RFQ</a></p>    | <p><b>1337DVGI8</b><br/>                 Manufacturers: IDT (Integrated Device Technology)<br/>                 Description: IC RTC CLK/CALENDAR I2C 8-MSOP<br/>                 Download: <a href="#">1337DVGI8.pdf</a></p> <p><a href="#">RFQ</a></p>    |

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