



1338-18DCGI

Part Number: **1338-18DCGI**
 Product Description: IC RTC CLK/CALENDAR I2C 8-SOIC
 RoHs Status: Lead free / RoHS Compliant
 Datasheets: [1.1338-18DCGI.pdf](#) [2.1338-18DCGI.pdf](#)

Manufacturer/Brand: IDT (Integrated Device Technology)
 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

Part Number	1338-18DCGI	Manufacturer	IDT (Integrated Device Technology)
Description	IC RTC CLK/CALENDAR I2C 8-SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Data sheet	1.1338-18DCGI.pdf 2.1338-18DCGI.pdf		
Voltage - Supply, Battery	1.3 V ~ 3.7 V	Voltage - Supply	1.8 V ~ 5.5 V
Type	Clock/Calendar	Time Format	HH:MM:SS (12/24 hr)
Supplier Device Package	8-SOIC	Series	-
Packaging	Tube	Package / Case	8-SOIC (0.154", 3.90mm Width)
Other Names	IDT1338-18DCGI IDT1338-18DCGI-ND	Operating Temperature	-40°C ~ 85°C
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Memory Size	56B	Manufacturer Standard Lead Time	12 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Interface	I ² C, 2-Wire Serial
Features	Leap Year, NVSRAM, Square Wave Output	Detailed Description	Real Time Clock (RTC) IC Clock/Calendar 56B I ² C, 2-Wire Serial 8-SOIC (0.154", 3.90mm Width)
Date Format	YY-MM-DD-dd	Current - Timekeeping (Max)	2µA @ 3.3V
Base Part Number	IDT1338		

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