



Image may be representation.  
See specifications for product details.



## 71M6533-IGT/F

|                          |   |
|--------------------------|---|
| Manufacturer Part Number | <a href="#">71M6533-IGT/F</a>   |
| Manufacturer             | <a href="#">Maxim Integrated</a>  |
| Allelco Part Number      | 32D-71M6533-IGT/F   |
| ECAD Model               | <a href="#">Request Free CAD Models</a>   |
| Parts Description        | IC ENERY METER 3PH 128K 100-LQFP  |
| Package                  | 100-LQFP  |
| Data sheet               | <a href="#">Energy Meter IC.pdf</a><br><a href="#">71M653(3,4)(H).pdf</a><br><a href="#">71M6533(H)-DB Quick Start Guide.pdf</a><br><a href="#">71M6533(H)-DB User Manual.pdf</a> |
| RoHs Status              | <b>ROHS3 Compliant</b>  |

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71M6533-IGT/F - Analog Devices Inc./Maxim Integrated.New Original in Stock. Download Linear Technology 71M6533-IGT/F datasheet/specifications on AllelcoElec.com. Request a quote for 71M6533-IGT/F, please send us email: [info@allelco.com](mailto:info@allelco.com)

### Specifications

71M6533-IGT/F Tech Specifications  
71M6533-IGT/F - Analog Devices Inc./Maxim Integrated technical specifications, attributes, parameters

| Product Attribute       | Attribute Value              | Product Attribute     | Attribute Value |
|-------------------------|------------------------------|-----------------------|-----------------|
| Manufacturer            | Maxim Integrated             | Operating Temperature | -40°C ~ 85°C    |
| Voltage - Supply        | 3 V ~ 3.6 V                  | Mounting Type         | Surface Mount   |
| Voltage - I/O Low       | 0.8V                         | Meter Type            | 3 Phase         |
| Voltage - I/O High      | 2V                           | Measurement Error     | 0.1%            |
| Supplier Device Package | 100-LQFP (14x14)             | Input Impedance       | 40kOhm ~ 90kOhm |
| Series                  | Single Converter Technology® | Current - Supply      | 10mA            |
| Package / Case          | 100-LQFP                     | Base Product Number   | 71M6533         |
| Package                 | Tray                         |                       |                 |

### Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc./Maxim Integrated 71M6533-IGT/F

| Product Attribute       |                                      |                                      |                                      |                                      |
|-------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| Part Number             | <a href="#">71M6533-IGT/F</a>        | <a href="#">71M6532D-IGT/F</a>       | <a href="#">71M6541D-IGTR/F</a>      | <a href="#">71M6533-IGTR/F</a>       |
| Manufacturer            | Analog Devices Inc./Maxim Integrated | Analog Devices Inc./Maxim Integrated | Analog Devices Inc./Maxim Integrated | Analog Devices Inc./Maxim Integrated |
| Base Product Number     | 71M6533                              | 71M6532                              | 71M6541                              | 71M6533                              |
| Supplier Device Package | 100-LQFP (14x14)                     | 100-LQFP (14x14)                     | 64-LQFP (10x10)                      | 100-LQFP (14x14)                     |
| Input Impedance         | 40kOhm ~ 90kOhm                      | 40kOhm ~ 90kOhm                      | -                                    | 40kOhm ~ 90kOhm                      |
| Package                 | Tray                                 | Tray                                 | Tape & Reel (TR)                     | Tape & Reel (TR)                     |
| Voltage - Supply        | 3 V ~ 3.6 V                          | 3 V ~ 3.6 V                          | 3 V ~ 3.6 V                          | 3 V ~ 3.6 V                          |
| Meter Type              | 3 Phase                              | Single Phase, Dual Phase             | Single Phase                         | 3 Phase                              |
| Voltage - I/O Low       | 0.8V                                 | 0.8V                                 | 0.8V                                 | 0.8V                                 |
| Series                  | Single Converter Technology®         | Single Converter Technology®         | Single Converter Technology®         | Single Converter Technology®         |
| Mounting Type           | Surface Mount                        | Surface Mount                        | Surface Mount                        | Surface Mount                        |
| Current - Supply        | 10mA                                 | -                                    | -                                    | 10mA                                 |
| Operating Temperature   | -40°C ~ 85°C                         | -40°C ~ 85°C                         | -40°C ~ 85°C                         | -40°C ~ 85°C                         |
| Voltage - I/O High      | 2V                                   | 2V                                   | 2V                                   | 2V                                   |
| Package / Case          | 100-LQFP                             | 100-LQFP                             | 64-LQFP                              | 100-LQFP                             |
| Measurement Error       | 0.1%                                 | 0.1%                                 | 0.1%                                 | 0.1%                                 |

### 71M6533-IGT/F Datasheet PDF

Download 71M6533-IGT/F pdf datasheets and Analog Devices Inc./Maxim Integrated documentation for 71M6533-IGT/F - Analog Devices Inc./Maxim Integrated.

#### Datasheets

[Energy Meter IC.pdf](#)

[71M653\(3,4\)\(H\).pdf](#)

[71M6533\(H\)-DB Quick Start Guide.pdf](#)

[71M6533\(H\)-DB User Manual.pdf](#)

#### Environmental Information

[Maxim Integrated RoHS Cert.pdf](#)

[Material Declaration 71M6533-IGT/F.pdf](#)


#### PCN Part Status Change


[Muly Dev 01/Jun/2017.pdf](#)

[Silergy Transfer 2/Mar/2016.pdf](#)

#### Application Notes

 Programming Meter ICs.pdf

















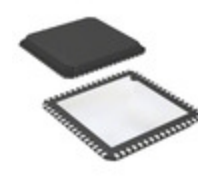

 External Filters for the Analog Inputs of Metering.pdf

 Return to Mission Mode under Battery Power.pdf

 The SPI Interfaces of the 71M65xx.pdf

## Customers Also Interested in

### Recommended Products

|  |  |   |  |  |  |
|--|--|---|--|--|--|
| <br><b>71M6531F-IM</b><br>TERIDIAN                              | <br><b>71M6531E-IGT+</b><br>MAXIM/TERIDIAN  | <br><b>71M6531F-IM/FR4</b><br>Analog Devices / Maxim Integrated  | <br><b>71M6532D-IGT/F</b><br>Analog Devices Inc./Maxim Integrated<br>IC ENERGY METER 128KB 100-LQFP      | <br><b>71M6531E-IGT</b><br>Analog Devices / Maxim Integrated  | <br><b>71M6541D-IGT</b><br>Analog Devices / Maxim Integrated  |
| <br><b>71M6532D-IGT</b><br>TERIDIAN                             | <br><b>71M6541D-IGTR/F</b><br>Analog Devices Inc./Maxim Integrated<br>IC ENERGY METER SGL PHSE 64LQFP | <br><b>71M6533-IGTR/F</b><br>Analog Devices Inc./Maxim Integrated<br>IC ENERGY METER 3PH 128K 100-LQFP | <br><b>71M6533H-IGT</b><br>TERIDIAN  | <br><b>71M6531E-GTR</b><br>Analog Devices / Maxim Integrated  | <br><b>71M6534-IGT/F</b><br>Analog Devices Inc./Maxim Integrated<br>IC ENERGY METER 3PH 128K 120-LQFP |
| <br><b>71M6531E-GTR+</b><br>Analog Devices / Maxim Integrated | <br><b>71M6541D-IGT/F</b><br>Analog Devices Inc./Maxim Integrated<br>IC ENERGY METERING             | <br><b>71M6533-IGT</b><br>TERIDIAN   | <br><b>71M6534H-IGT/F</b><br>Analog Devices Inc./Maxim Integrated<br>IC ENERGY METER 3PH 256K 120-LQFP | <br><b>71M6531F-IMR/F</b><br>Analog Devices Inc./Maxim Integrated<br>IC ENERGY METER 256KB 68-QFN | <br><b>71M6541DT-IGT</b><br>Analog Devices / Maxim Integrated                                       |

## Shipment

### Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

### Delivery Cost

- > Use your express account for shipment if you have one.
  - > Use our account for the shipment. Refer to the table below for the approximate charges.
- (Different time frame / countries / package size has different price.)

### Delivery Method

- > Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.
- > Others more shipping ways, please get in touch with your customer manager.

| Common Countries Logistic Time Reference |                |                    |
|--|----------------|--------------------|
| Region                                   | Country        | Logistic Time(Day) |
| America                                  | United States  | 5                  |
|  | Brazil         | 7                  |
| Europe                                   | Germany        | 5                  |
|  | United Kingdom | 4                  |
|  | Italy          | 5                  |
| Oceania                                  | Australia      | 6                  |
|  | New Zealand    | 7                  |
| Asia                                     | India          | 6                  |
|  | Japan          | 7                  |
| Middle East                              | Israel         | 6                  |

| DHL & FedEx Shipment Charges Reference |                      |
|--|----------------------|
| Shipment charges(KG)                   | Reference DHL(USD\$) |
| 0.00kg-1.00kg                          | USD\$60.00           |
| 1.00kg-2.00kg                          | USD\$70.00           |
| 2.00kg-3.00kg                          | USD\$80.00           |




**Note:** The above table is for reference only. There may have some data bias for the uncontrollable factors.  
Contact us if you have any questions.

### Payment Support



The payment method can be chosen from the methods shown below:  
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card, PayPal.



### Your Faithful Supply Chain Partner -

 Efficient Supply Management  
 Cost-Saving Procurement  
 Fast Sourcing & Delivery

Contact us if you have any questions.

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### Certifications & Memberships



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