

SG2842DM



Part Number: [SG2842DM](#)

Manufacturer: [Microsemi](#)

Description: IC REG CTRLR FLYBK ISO PWM 8SOIC

Data sheet:  [SGx84x Series](#)

RoHs Status: Lead free / RoHS Compliant

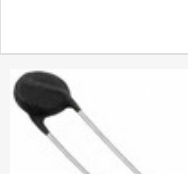
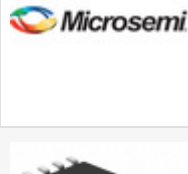
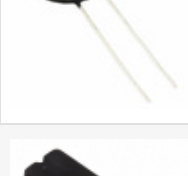
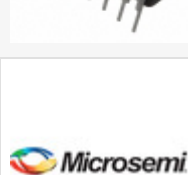
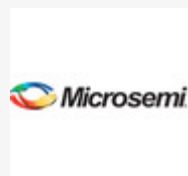
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
See Product Specifications for product details.  
Buy SG2842DM with confidence from Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                          |                                |                               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|--------------------------------|-------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                             | SG2842DM                                                 | Manufacturer                   | <a href="#">Microsemi</a>     |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                             | IC REG CTRLR FLYBK ISO PWM 8SOIC                         | Lead Free Status / RoHS Status | Lead free / RoHS Compliant    |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                      | 5203 pcs                                                 | Data sheet                     | <a href="#">SGx84x Series</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                | <a href="#">Integrated Circuits (ICs)</a>                | Voltage - Supply (Vcc/Vdd)     | 10 V ~ 30 V                   |
| Voltage - Start Up                                                                                                                                                                                                                                                                                                                                                                                                                      | 16V                                                      | Voltage - Breakdown            | -                             |
| Topology                                                                                                                                                                                                                                                                                                                                                                                                                                | Flyback                                                  | Supplier Device Package        | 8-SOIC                        |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                  | -                                                        | Packaging                      | Bulk                          |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                          | 8-SOIC (0.154", 3.90mm Width)                            | Output Isolation               | Isolated                      |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                   | -25°C ~ 85°C (TA)                                        | Mounting Type                  | Surface Mount                 |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                        | 1 (Unlimited)                                            | Lead Free Status / RoHS Status | Lead free / RoHS Compliant    |
| Internal Switch(s)                                                                                                                                                                                                                                                                                                                                                                                                                      | No                                                       | Frequency - Switching          | 100Hz ~ 500kHz                |
| Fault Protection                                                                                                                                                                                                                                                                                                                                                                                                                        | Current Limiting                                         | Duty Cycle                     | 95%                           |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                    | Converter Offline Flyback Topology 100Hz ~ 500kHz 8-SOIC | Control Features               | Frequency Control             |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                        | SG*842                                                   |                                |                               |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Microsemi series electronic components. We have 5203 pieces of Microsemi SG2842DM in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                                          |                                |                               |

| RELATED PRODUCTS                                                                   |                                                                                    |                                                 |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|-------------------------------------------------|----------------|
|  | Part#: <a href="#">SG2823J-DESC</a><br>Description: TRANS 8NPN DARL 95V 0.5A 18DIP | Manufacturers: <a href="#">Microsemi</a>        | <div>RFQ</div> |
|  | Part#: <a href="#">SG293037DS</a><br>Description: D-SUB CONNECTOR SHIELD GASKETS,  | Manufacturers: <a href="#">Leader Tech Inc.</a> | <div>RFQ</div> |
|  | Part#: <a href="#">SG2844DM</a><br>Description: IC PWM CURRENT MODE 8SOIC          | Manufacturers: <a href="#">Microsemi</a>        | <div>RFQ</div> |
|  | Part#: <a href="#">SG2823J-883B</a><br>Description: TRANS 8NPN DARL 95V 0.5A 18DIP | Manufacturers: <a href="#">Microsemi</a>        | <div>RFQ</div> |
|  | Part#: <a href="#">SG2842M</a><br>Description: IC REG CTRLR FLYBK ISO PWM 8-DIP    | Manufacturers: <a href="#">Microsemi</a>        | <div>RFQ</div> |
|  | Part#: <a href="#">SG27</a><br>Description: ICL 10 OHM 0.15% 6A 12.7MM             | Manufacturers: <a href="#">Ametherm</a>         | <div>RFQ</div> |
|  | Part#: <a href="#">SG2846DW</a><br>Description: IC REG CTRLR MULT TOP 16SOIC       | Manufacturers: <a href="#">Microsemi</a>        | <div>RFQ</div> |
|  | Part#: <a href="#">SG2843M</a><br>Description: IC REG CTRLR BUCK 8DIP              | Manufacturers: <a href="#">Microsemi</a>        | <div>RFQ</div> |
|  | Part#: <a href="#">SG260</a><br>Description: ICL 0.5 OHM 20% 30A                   | Manufacturers: <a href="#">Ametherm</a>         | <div>RFQ</div> |
|  | Part#: <a href="#">SG2803J-DESC</a><br>Description: TRANS 8NPN DARL 50V 0.5A 18DIP | Manufacturers: <a href="#">Microsemi</a>        | <div>RFQ</div> |
|  | Part#: <a href="#">SG2844M</a><br>Description: IC PWM CURRENT MODE 8DIP            | Manufacturers: <a href="#">Microsemi</a>        | <div>RFQ</div> |
|  | Part#: <a href="#">SG2803J-883B</a><br>Description: TRANS 8NPN DARL 50V 0.5A 18DIP | Manufacturers: <a href="#">Microsemi</a>        | <div>RFQ</div> |
|  | Part#: <a href="#">SG2845DM</a><br>Description: IC REG CTRLR FLYBACK 8SOIC         | Manufacturers: <a href="#">Microsemi</a>        | <div>RFQ</div> |
|  | Part#: <a href="#">SG2543N</a><br>Description: IC POWER SUPPLY SUPERVISOR 16DIP    | Manufacturers: <a href="#">Microsemi</a>        | <div>RFQ</div> |
|  | Part#: <a href="#">SG2823J</a><br>Description: TRANS 8NPN DARL 95V 0.5A 18DIP      | Manufacturers: <a href="#">Microsemi</a>        | <div>RFQ</div> |
|  | Part#: <a href="#">SG2845M</a><br>Description: IC REG CTRLR FLYBACK 8DIP           | Manufacturers: <a href="#">Microsemi</a>        | <div>RFQ</div> |
|  | Part#: <a href="#">SG2843DM</a><br>Description: IC REG CTRLR BUCK 8SOIC            | Manufacturers: <a href="#">Microsemi</a>        | <div>RFQ</div> |
|  | Part#: <a href="#">SG26</a><br>Description: ICL 5 OHM 15% 12A                      | Manufacturers: <a href="#">Ametherm</a>         | <div>RFQ</div> |
|  | Part#: <a href="#">SG2846N</a><br>Description: IC REG CTRLR MULT TOPOLOGY 16DIP    | Manufacturers: <a href="#">Microsemi</a>        | <div>RFQ</div> |
|  | Part#: <a href="#">SG284050DS</a><br>Description: D-SUB CONNECTOR SHIELD GASKETS,  | Manufacturers: <a href="#">Leader Tech Inc.</a> | <div>RFQ</div> |

Related keywords for **SG2842DM**

|                                                   |                                              |                                                       |                                                      |
|---------------------------------------------------|----------------------------------------------|-------------------------------------------------------|------------------------------------------------------|
| Microsemi SG2842DM                                | SG2842DM distributor                         | SG2842DM supplier                                     | SG2842DM price                                       |
| SG2842DM download datasheet                       | SG2842DM datasheet                           | SG2842DM stock                                        | buy SG2842DM                                         |
| Microsemi SG2842DM                                | Microsemi Analog Mixed Signal Group SG2842DM | Microsemi Analog Mixed Signal Group [MIL]<br>SG2842DM | Microsemi Consumer Medical Product Group<br>SG2842DM |
| Microsemi HI-REL [MIL] SG2842DM                   | Microsemi Power Management Group SG2842DM    | Microsemi Power Products Group SG2842DM               | Microsemi SoC SG2842DM                               |
| Microsemi Commercial Components Group<br>SG2842DM | Microsemi Corporation SG2842DM               | Microsemi Solutions Sdn Bhd. SG2842DM                 |                                                      |

