



Microsemi



Image may be representation. See specifications for product details.

SG2842DM

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | SG2842DM                                                                                                     |
| Manufacturer/Brand: | Microsemi                                                                                                    |
| Product description | IC REG CTRLR FLYBK ISO PWM 8SOIC                                                                             |
| Datasheets:         |  SG2842DM.pdf               |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 4824 pcs stock                                                                                               |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of SG2842DM

|                                  |                                                                                                  |
|----------------------------------|--------------------------------------------------------------------------------------------------|
| PART NUMBER                      | SG2842DM                                                                                         |
| MANUFACTURER                     | Microsemi                                                                                        |
| DESCRIPTION                      | IC REG CTRLR FLYBK ISO PWM 8SOIC                                                                 |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                       |
| QUANTITY AVAILABLE               | 4824 pcs                                                                                         |
| DATA SHEET                       |  SG2842DM.pdf |
| 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                                                                                           |

Related Tags

|                                                   |                                              |                                                    |
|---------------------------------------------------|----------------------------------------------|----------------------------------------------------|
| Microsemi SG2842DM                                | SG2842DM Distributor                         | SG2842DM Supplier                                  |
| SG2842DM Price                                    | SG2842DM Pictures                            | SG2842DM Image                                     |
| SG2842DM PDF Datasheet                            | SG2842DM Download Datasheet                  | SG2842DM Datasheet                                 |
| SG2842DM Stock                                    | Buy SG2842DM                                 | Buy Microsemi SG2842DM                             |
| Microsemi SG2842DM                                | Microsemi Supplier                           | Microsemi Distributor                              |
| Microsemi SG2842DM                                | Microsemi Analog Mixed Signal Group SG2842DM | Microsemi Analog Mixed Signal Group [MIL] SG2842DM |
| Microsemi Consumer Medical Product Group SG2842DM | Microsemi HI-REL [MIL] SG2842DM              | Microsemi Power Management Group SG2842DM          |
| Microsemi Power Products Group SG2842DM           | Microsemi SoC SG2842DM                       | Microsemi Commercial Components Group SG2842DM     |
| Microsemi Corporation SG2842DM                    | Microsemi Solutions Sdn Bhd. SG2842DM        |                                                    |

Related Products

|                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>SG2843DM</b><br/>Manufacturers: Microsemi<br/>Description: IC REG CTRLR BUCK 8SOIC<br/>In stock: 17618 pcs</div> <div>RFQ</div>                  |  <div><b>SG2823J</b><br/>Manufacturers: Microsemi<br/>Description: TRANS 8NPN DARL 95V 0.5A 18DIP<br/>In stock: 3553 pcs</div> <div>RFQ</div>      |
|  <div><b>SG2845DM</b><br/>Manufacturers: Microsemi<br/>Description: IC REG CTRLR FLYBACK 8SOIC<br/>In stock: 16871 pcs</div> <div>RFQ</div>               |  <div><b>SG2823J-883B</b><br/>Manufacturers: Microsemi<br/>Description: TRANS 8NPN DARL 95V 0.5A 18DIP<br/>In stock: 6535 pcs</div> <div>RFQ</div> |
|  <div><b>SG2842M</b><br/>Manufacturers: Microsemi<br/>Description: IC REG CTRLR FLYBK ISO PWM 8-DIP<br/>In stock: 19683 pcs</div> <div>RFQ</div>          |  <div><b>SG2803J-883B</b><br/>Manufacturers: Microsemi<br/>Description: TRANS 8NPN DARL 50V 0.5A 18DIP<br/>In stock: 5726 pcs</div> <div>RFQ</div> |
|  <div><b>SG284050DS</b><br/>Manufacturers: Leader Tech Inc.<br/>Description: D-SUB CONNECTOR SHIELD GASKETS,<br/>In stock: 26008 pcs</div> <div>RFQ</div> |  <div><b>SG2843M</b><br/>Manufacturers: Microsemi<br/>Description: IC REG CTRLR BUCK 8DIP<br/>In stock: 16607 pcs</div> <div>RFQ</div>             |
|  <div><b>SG2844M</b><br/>Manufacturers: Microsemi<br/>Description: IC PWM CURRENT MODE 8DIP<br/>In stock: 18481 pcs</div> <div>RFQ</div>                  |  <div><b>SG2823J-DESC</b><br/>Manufacturers: Microsemi<br/>Description: TRANS 8NPN DARL 95V 0.5A 18DIP<br/>In stock: 5008 pcs</div> <div>RFQ</div> |
|  <div><b>SG2803J-DESC</b><br/>Manufacturers: Microsemi<br/>Description: TRANS 8NPN DARL 50V 0.5A 18DIP<br/>In stock: 3289 pcs</div> <div>RFQ</div>        |  <div><b>SG2844DM</b><br/>Manufacturers: Microsemi<br/>Description: IC PWM CURRENT MODE 8SOIC<br/>In stock: 20151 pcs</div> <div>RFQ</div>         |