




UC3844AM

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| Part Number: | UC3844AM |
| Manufacturer/Brand: | Microsemi |
| Product description: | IC REG CTRLR PWM CM 8-DIP |
| Datasheets: |  UC3844AM.pdf |
| RoHS Status: |  Lead free / RoHS Compliant |
| Ship From: | Hong Kong |
| Shipment Way: | DHL/Fedex/TNT/UPS/EMS |

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.


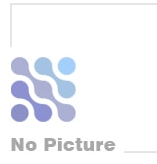

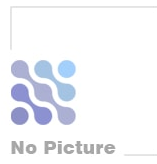

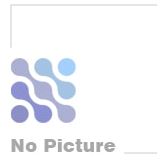

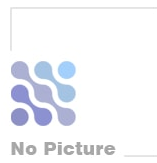
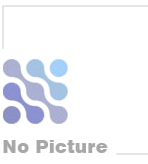
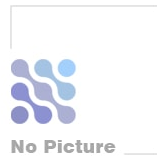


Specifications of UC3844AM

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|----------------------------------|---|
| PART NUMBER | UC3844AM |
| MANUFACTURER | Microsemi |
| DESCRIPTION | IC REG CTRLR PWM CM 8-DIP |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| DATA SHEET |  UC3844AM.pdf |
| VOLTAGE - SUPPLY (VCC/VDD) | 10 V ~ 30 V |
| TOPOLOGY | Boost, Buck, Flyback, Forward |
| SYNCHRONOUS RECTIFIER | No |
| SUPPLIER DEVICE PACKAGE | 8-DIP |
| SERIES | - |
| SERIAL INTERFACES | - |
| PACKAGING | Tube |
| PACKAGE / CASE | 8-DIP (0.300", 7.62mm) |
| OUTPUT TYPE | Transistor Driver |
| OUTPUT PHASES | 1 |
| OUTPUT CONFIGURATION | Positive |
| OTHER NAMES | UC3844AMR UC3844AMR-ND |
| OPERATING TEMPERATURE | 0°C ~ 70°C (TA) |
| NUMBER OF OUTPUTS | 1 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited) |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| FUNCTION | Step-Up, Step-Down, Step-Up/Step-Down |
| FREQUENCY - SWITCHING | Up to 500kHz |
| DUTY CYCLE (MAX) | 48% |
| DETAILED DESCRIPTION | Boost, Buck, Flyback, Forward Regulator Positive Output Step-Up, Step-Down, Step-Up/Step-Down DC-DC Controller IC 8-DIP |
| CONTROL FEATURES | Frequency Control |
| CLOCK SYNC | No |
| BASE PART NUMBER | UC*84 |

Related Tags

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|---|--|--|
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| Microsemi Consumer Medical Product Group UC3844AM | Microsemi HI-REL [MIL] UC3844AM | Microsemi Power Management Group UC3844AM |
| Microsemi Power Products Group UC3844AM | Microsemi SoC UC3844AM | Microsemi Commercial Components Group UC3844AM |
| Microsemi Corporation UC3844AM | Microsemi Solutions Sdn Bhd. UC3844AM | |

Related Products

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|  <p>UC3844BD Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC REG CTRLR PWM CM 14-SOIC In stock: 71982 pcs</p> <p>RFQ</p> |  <p>UC3844AD8TR Manufacturers: N/A Description: IC REG CTRLR PWM CM 8SOIC In stock: 137460 pcs</p> <p>RFQ</p> |
|  <p>UC3844AN Manufacturers: STMicroelectronics Description: IC REG CTRLR PWM CM 8-MINIDIP In stock: 139148 pcs</p> <p>RFQ</p> |  <p>UC3844ADTR Manufacturers: N/A Description: IC REG CTRLR PWM CM 14SOIC In stock: 124541 pcs</p> <p>RFQ</p> |
|  <p>UC3844BD1 Manufacturers: STMicroelectronics Description: IC REG CTRLR BST FLYBK ISO 8-SO In stock: 173492 pcs</p> <p>RFQ</p> |  <p>UC3844AN Manufacturers: N/A Description: IC REG CTRLR PWM CM 8DIP In stock: 80145 pcs</p> <p>RFQ</p> |
|  <p>UC3844ADG4 Manufacturers: N/A Description: IC REG CTRLR PWM CM 14SOIC In stock: 71233 pcs</p> <p>RFQ</p> |  <p>UC3844AD8TRG4 Manufacturers: N/A Description: IC REG CTRLR PWM CM 8SOIC In stock: 126731 pcs</p> <p>RFQ</p> |
|  <p>UC3844ADTRG4 Manufacturers: N/A Description: IC REG CTRLR PWM CM 14SOIC In stock: 122301 pcs</p> <p>RFQ</p> |  <p>UC3844ANG4 Manufacturers: N/A Description: IC REG CTRLR PWM CM 8DIP In stock: 58773 pcs</p> <p>RFQ</p> |
|  <p>UC3844ADM Manufacturers: Microsemi Description: IC REG CTRLR PWM CM 8SOIC In stock: 5328 pcs</p> <p>RFQ</p> |  <p>UC3844BD1 Manufacturers: AMI Semiconductor / ON Semiconductor Description: IC REG CTRLR PWM CM 8-SOIC In stock: 81576 pcs</p> <p>RFQ</p> |