

UC3843AD



Microsemi
IC REG CTRLR BUCK/BOOST 14SOIC
Lead free / RoHS Compliant
Integrated Circuits (ICs)

[UC3843AD.pdf](#)

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Specifications

| | |
|------------------------------------|--------------------------------|
| Voltage - Supply (Vcc/Vdd): | 7.6 V ~ 30 V |
| Topology: | Buck, Boost |
| Synchronous Rectifier: | Yes |
| Supplier Device Package: | 14-SOIC |
| Series: | - |
| Serial Interfaces: | - |
| Packaging: | Tape & Reel (TR) |
| Package / Case: | 14-SOIC (0.154", 3.90mm Width) |
| Output Type: | Transistor Driver |
| Output Phases: | 1 |
| Output Configuration: | Positive |
| Operating Temperature: | 0°C ~ 70°C (TA) |
| Number of Outputs: | 1 |
| Function: | Step-Up, Step-Down |
| Frequency - Switching: | 500kHz |
| Duty Cycle (Max): | 96% |
| Control Features: | - |
| Clock Sync: | No |

Related products

| | | | | |
|--|---|---|--|--|
| UC3843 in stock N/A RFQ | UC3843A in stock N/A RFQ | UC3843AD IC REG CTRLR 8SOIC Fairchild/ON Semiconductor RFQ | UC3843AD1R2 ON RFQ | UC3842TD1013TR in stock ST RFQ |
| UC3843AD1 IC REG CTRLR BOOST/FLYBACK 8SOIC STMicroelectronics RFQ | UC3842T in stock ST RFQ | UC3843AD1013TR IC REG CTRLR BOOST/FLYBACK 8SOIC STMicroelectronics RFQ | UC3843AD-F TI RFQ | UC3843AD IC REG CTRLR MULT TOP 14SOIC N/A RFQ |

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|---|---|---|--|---|
| SIT9120AC-2C3-25S155.520000Y -20 TO 70C, 5032, 50PPM, 2.5V, 1 SITIME RFQ | 501GAD-ABAG OSC PROG LVCMOS 1.7V-3.6V EN/DS Silicon Labs RFQ | 473-015 HDWR INS TAB Bivar Inc. RFQ | BZX884-B3V6,315 DIODE ZENER 3.6V 250MW SOD882 Nexperia USA Inc. RFQ | T627101574DN SCR FAST SW 1000V 150A TO200AB Powerex Inc. RFQ |
| BSZ060NE2LS MOSFET N-CH 25V 12A TSDSON-8 Infineon Technologies RFQ | IXFT24N90P MOSFET N-CH TO-268 IXYS RFQ | ATS-19C-140-C3-R0 HEATSINK 25X25X25MM L-TAB T412 Advanced Thermal Solutions Inc. RFQ | ATS-18C-12-C1-R0 HEATSINK 50X50X12.7MM XCUT Advanced Thermal Solutions Inc. RFQ | ATS-12A-103-C2-R1 HEATSINK 40X40X9.5MM XCUT T766 Advanced Thermal Solutions Inc. RFQ |