

| UC2845BD1R2 | |
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| Part Number | UC2845BD1R2 |
| Manufacturer | AMI Semiconductor / ON Semiconductor |
| Description | IC REG CTRLR BOOST/FLYBACK 8SOIC |
| Quantity Available | 2515 pcs in stock |
| Datasheets | UC2845BD1R2.pdf |
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| Technical Information of UC2845BD1R2 | | | |
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| Manufacturer Part Number | UC2845BD1R2 | Category | Integrated Circuits (ICs) |
| Manufacturer | AMI Semiconductor / ON Semiconductor | Description | IC REG CTRLR BOOST/FLYBACK 8SOIC |
| Package / Case | Tape & Reel (TR) | Quantity Available | 2515 |
| Voltage - Supply (Vcc/Vdd) | 7.6 V ~ 30 V | Topology | Boost, Flyback |
| Synchronous Rectifier | No | Supplier Device Package | 8-SOIC |
| Series | - | Serial Interfaces | - |
| Packaging | Tape & Reel (TR) | Package / Case | 8-SOIC (0.154", 3.90mm Width) |
| Output Type | Transistor Driver | Output Phases | 1 |
| Output Configuration | Positive or Negative, Isolation Capable | Operating Temperature | -25°C ~ 85°C (TA) |
| Number of Outputs | 1 | Moisture Sensitivity Level (MSL) | 1 (Unlimited) |
| Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant | Function | Step-Up, Step-Up/Step-Down |
| Frequency - Switching | 500kHz | Duty Cycle (Max) | 48% |
| Detailed Description | Boost, Flyback Regulator Positive or Negative, Isolation Capable Output Step-Up, Step-Up/Step-Down DC-DC Controller IC 8-SOIC | Control Features | Frequency Control |
| Clock Sync | No | Base Part Number | UC284*B |

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| Related parts for UC2845BD1R2 | | | | |
|-------------------------------|--------------------------------|----------------------------------|--------------------------------------|-----------|
| Image | Part Number | Description | Manufacturer | Quantity |
| | UC2845D8G4 | IC REG CTRLR MULT TOPOLOGY 8SOIC | N/A | 2679 pcs |
| | UC2845D8 | IC REG CTRLR MULT TOPOLOGY 8SOIC | N/A | 2625 pcs |
| | UC2845AQD-8 | UC2845AQD-8 TI | N/A | 2507 pcs |
| | UC2845AQD8R | IC REG CTRLR MULT TOPOLOGY 8SOIC | N/A | 2500 pcs |
| | UC2845BDG | IC REG CTRLR BOOST/FLYBK 14SOIC | AMI Semiconductor / ON Semiconductor | 2545 pcs |
| | UC2845BD1R2G | IC REG CTRLR BOOST/FLYBACK 8SOIC | AMI Semiconductor / ON Semiconductor | 50000 pcs |
| | UC2845BNG | IC REG CTRLR BOOST/FLYBACK 8DIP | AMI Semiconductor / ON Semiconductor | 25303 pcs |
| | UC2845BD | IC REG CTRLR BOOST/FLYBK 14SOIC | AMI Semiconductor / ON Semiconductor | 9288 pcs |
| | UC2845AQD8 | IC REG CTRLR MULT TOPOLOGY 8SOIC | N/A | 4782 pcs |
| | UC2845AQDR | IC REG CTRLR MULT TOP 14SOIC | N/A | 4027 pcs |
| | UC2845D | IC REG CTRLR MULT TOP 14SOIC | N/A | 5260 pcs |
| | UC2845BN | IC REG CTRLR BST/FLYBK 8-MINIDIP | STMicroelectronics | 7829 pcs |
| | UC2845AQD-14 | UC2845AQD-14 TI | N/A | 2667 pcs |
| | UC2845BDR2 | IC REG CTRLR BOOST/FLYBK 14SOIC | AMI Semiconductor / ON Semiconductor | 2525 pcs |
| | UC2845BD1 | IC REG CTRLR BOOST/FLYBACK 8SO | STMicroelectronics | 2665 pcs |
| | UC2845BD1 | IC REG CTRLR BOOST/FLYBACK 8SOIC | AMI Semiconductor / ON Semiconductor | 2537 pcs |
| | UC2845BD1G | IC REG CTRLR BOOST/FLYBACK 8SOIC | AMI Semiconductor / ON Semiconductor | 2544 pcs |
| | UC2845D013TR | UC2845D013TR ST | ST | 2634 pcs |
| | UC2845BDR2G | IC REG CTRLR BOOST/FLYBK 14SOIC | AMI Semiconductor / ON Semiconductor | 9722 pcs |
| | UC2845BD1013TR | IC REG CTRLR BOOST/FLYBACK 8SOIC | STMicroelectronics | 4000 pcs |

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