



UC2843BD1

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | UC2843BD1                                                                                                    |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | IC REG CTRLR BOOST/FLYBACK 8SO                                                                               |
| Datasheets:         |  UC2843BD1.pdf              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 106627 pcs stock                                                                                             |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

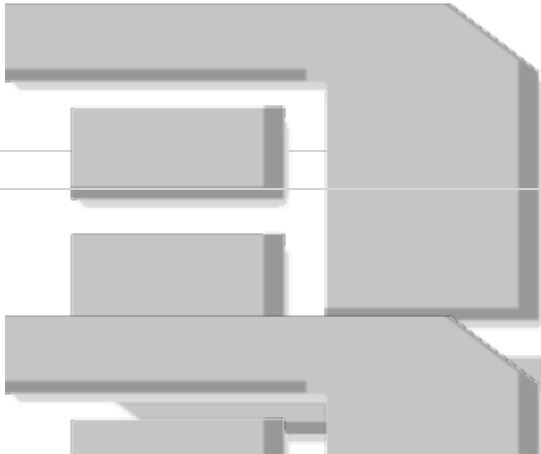
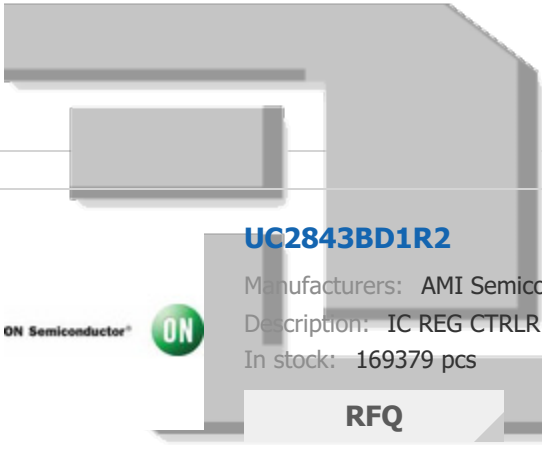
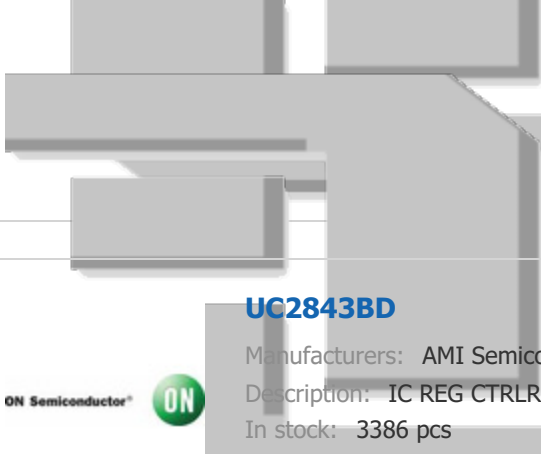
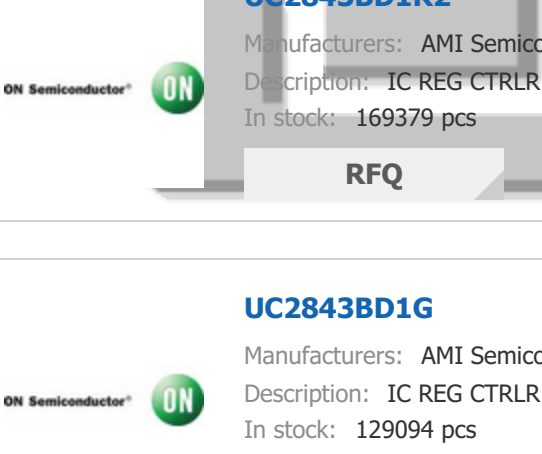
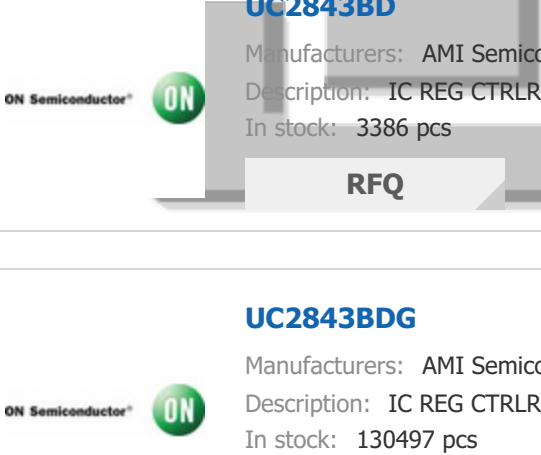
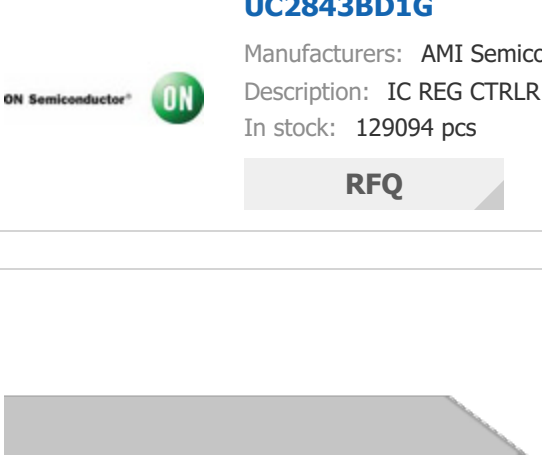
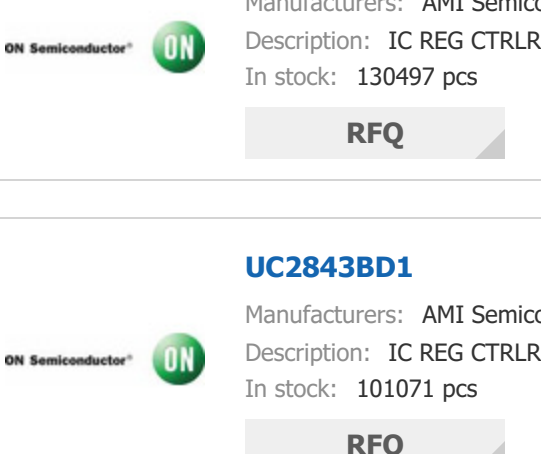
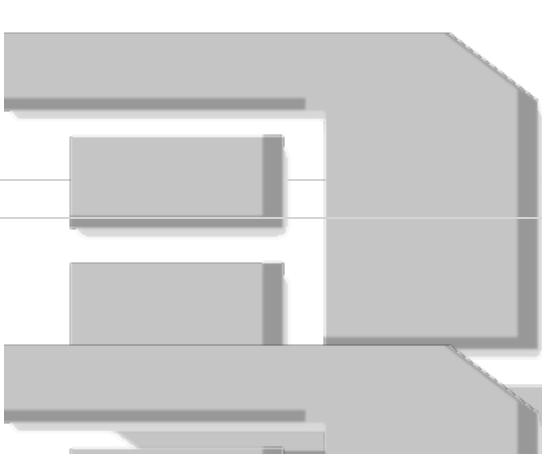
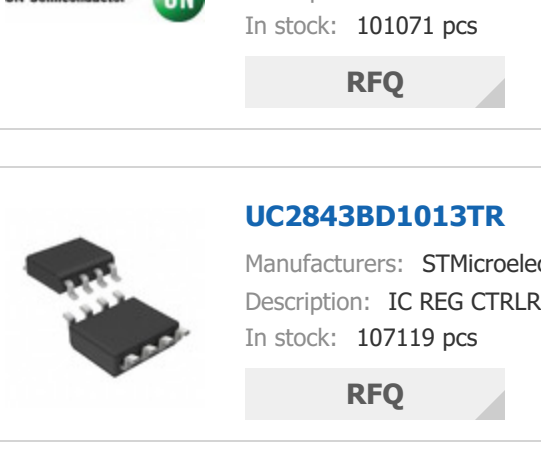
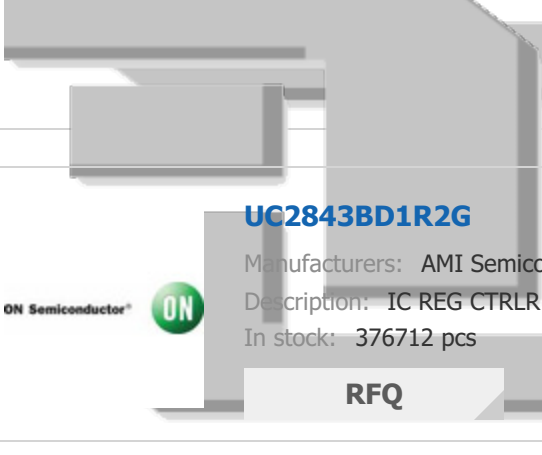
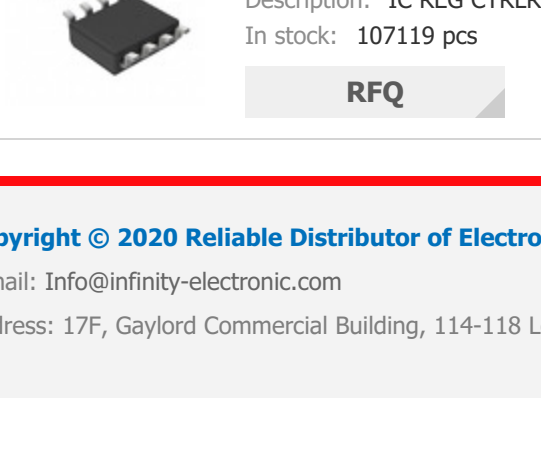
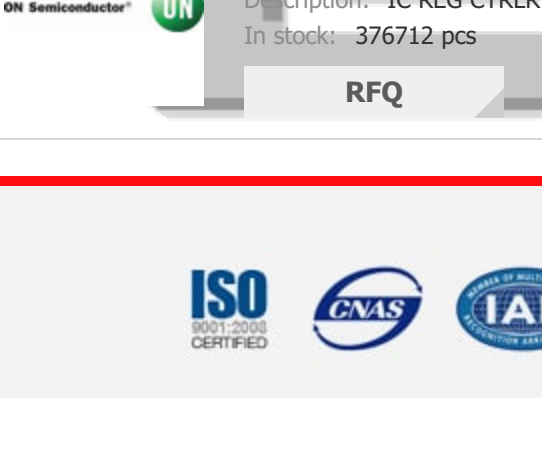
Specifications of UC2843BD1

|                                  |                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------|
| PART NUMBER                      | UC2843BD1                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                |
| DESCRIPTION                      | IC REG CTRLR BOOST/FLYBACK 8SO                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                        |
| QUANTITY AVAILABLE               | 106627 pcs                                                                                        |
| DATA SHEET                       |  UC2843BD1.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 7.6 V ~ 30 V                                                                                      |
| TOPOLOGY                         | Boost, Flyback                                                                                    |
| SYNCHRONOUS RECTIFIER            | No                                                                                                |
| SUPPLIER DEVICE PACKAGE          | 8-SO                                                                                              |
| SERIES                           | -                                                                                                 |
| SERIAL INTERFACES                | -                                                                                                 |
| PACKAGING                        | Tube                                                                                              |
| PACKAGE / CASE                   | 8-SOIC (0.154", 3.90mm Width)                                                                     |
| OUTPUT TYPE                      | Transistor Driver                                                                                 |
| OUTPUT PHASES                    | 1                                                                                                 |
| OUTPUT CONFIGURATION             | Positive                                                                                          |
| OTHER NAMES                      | 497-14805-5<br>STUC2843BD1<br>STUC2843BD1-ND                                                      |
| OPERATING TEMPERATURE            | -25°C ~ 85°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-Up/Step-Down                                                                        |
| FREQUENCY - SWITCHING            | Up to 500kHz                                                                                      |
| DUTY CYCLE (MAX)                 | 96%                                                                                               |
| DETAILED DESCRIPTION             | Boost, Flyback Regulator Positive Output Step-Up, Step-Up/Step-Down DC-DC Controller IC 8-SO      |
| CONTROL FEATURES                 | Frequency Control                                                                                 |
| CLOCK SYNC                       | No                                                                                                |
| BASE PART NUMBER                 | UC2843B                                                                                           |

Related Tags

|                              |                              |                                  |
|------------------------------|------------------------------|----------------------------------|
| STMicroelectronics UC2843BD1 | UC2843BD1 Distributor        | UC2843BD1 Supplier               |
| UC2843BD1 Price              | UC2843BD1 Pictures           | UC2843BD1 Image                  |
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| STMicroelectronics UC2843BD1 | STMicroelectronics Supplier  | STMicroelectronics Distributor   |
| STMicroelectronics UC2843BD1 |                              |                                  |

Related Products

|                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>UC2843AQD8RQ1</b><br/>Manufacturers: N/A<br/>Description: IC REG CTRLR MULT TOPOLOGY 8SOIC<br/>In stock: 184436 pcs<br/>RFQ</div>                         |  <div><b>UC2843AQD8RG4</b><br/>Manufacturers: N/A<br/>Description: IC REG CTRLR MULT TOPOLOGY 8SOIC<br/>In stock: 95766 pcs<br/>RFQ</div>                            |
|  <div><b>UC2843AQD8R</b><br/>Manufacturers: N/A<br/>Description: IC REG CTRLR MULT TOPOLOGY 8SOIC<br/>In stock: 37556 pcs<br/>RFQ</div>                            |  <div><b>UC2843BD1R2</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG CTRLR FLYBACK 8SOIC<br/>In stock: 169379 pcs<br/>RFQ</div>  |
|  <div><b>UC2843BD</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG CTRLR FLYBACK 14SOIC<br/>In stock: 3386 pcs<br/>RFQ</div>    |  <div><b>UC2843BD1G</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG CTRLR FLYBACK 8SOIC<br/>In stock: 129094 pcs<br/>RFQ</div>   |
|  <div><b>UC2843BDG</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG CTRLR FLYBACK 14SOIC<br/>In stock: 130497 pcs<br/>RFQ</div> |  <div><b>UC2843AQDR</b><br/>Manufacturers: N/A<br/>Description: IC REG CTRLR MULT TOP 14SOIC<br/>In stock: 193898 pcs<br/>RFQ</div>                                  |
|  <div><b>UC2843BD1</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG CTRLR FLYBACK 8SOIC<br/>In stock: 101071 pcs<br/>RFQ</div>  |  <div><b>UC2843AQD8RG4Q1</b><br/>Manufacturers: N/A<br/>Description: IC REG CTRLR MULT TOPOLOGY 8SOIC<br/>In stock: 161910 pcs<br/>RFQ</div>                         |
|  <div><b>UC2843BD1013TR</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC REG CTRLR BOOST/FLYBACK 8SO<br/>In stock: 107119 pcs<br/>RFQ</div>           |  <div><b>UC2843BD1R2G</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG CTRLR FLYBACK 8SOIC<br/>In stock: 376712 pcs<br/>RFQ</div> |