



Microsemi



UC1845AY

|                     |                                                                                                                      |
|---------------------|----------------------------------------------------------------------------------------------------------------------|
| Part Number:        | UC1845AY                                                                                                             |
| Manufacturer/Brand: | Microsemi                                                                                                            |
| Product description | IC REG CTRLR BUCK/BOOST 8CDIP                                                                                        |
| Datasheets:         |  UC1845AY.pdf                       |
| RoHs Status         |  Contains lead / RoHS non-compliant |
| Stock Condition     | 4897 pcs stock                                                                                                       |
| Ship From           | Hong Kong                                                                                                            |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                |

REQUEST FOR QUOTATION

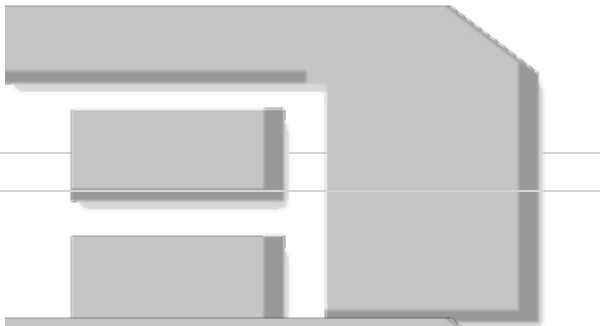
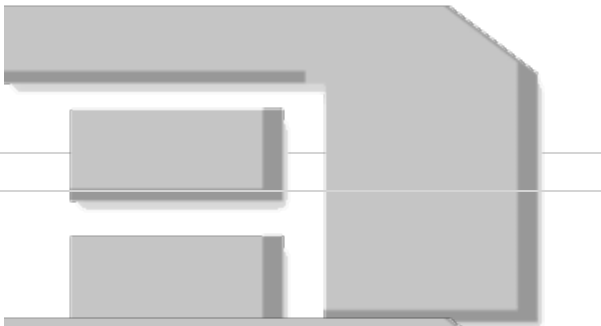
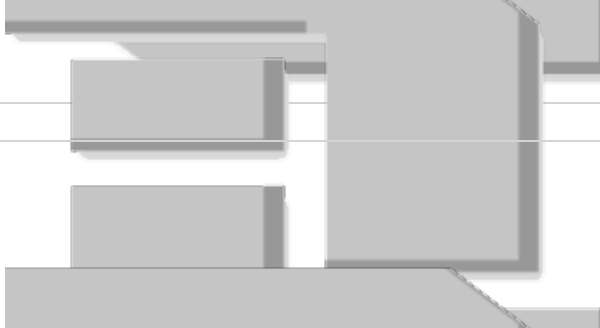
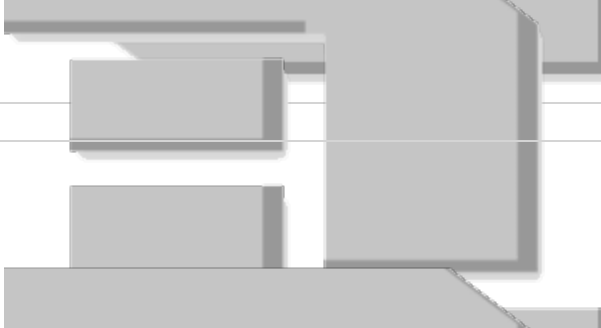
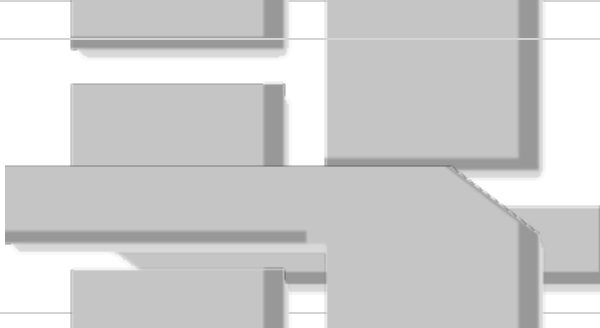
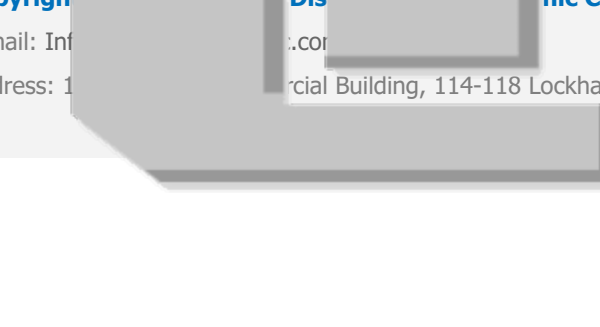
Specifications of UC1845AY

|                                  |                                                                                                  |
|----------------------------------|--------------------------------------------------------------------------------------------------|
| PART NUMBER                      | UC1845AY                                                                                         |
| MANUFACTURER                     | Microsemi                                                                                        |
| DESCRIPTION                      | IC REG CTRLR BUCK/BOOST 8CDIP                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Contains lead / RoHS non-compliant                                                               |
| QUANTITY AVAILABLE               | 4897 pcs                                                                                         |
| DATA SHEET                       |  UC1845AY.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | 7.6 V ~ 30 V                                                                                     |
| TOPOLOGY                         | Buck, Boost                                                                                      |
| SYNCHRONOUS RECTIFIER            | Yes                                                                                              |
| SERIES                           | Military, MIL-STD-883B                                                                           |
| SERIAL INTERFACES                | -                                                                                                |
| OUTPUT TYPE                      | Transistor Driver                                                                                |
| OUTPUT PHASES                    | 1                                                                                                |
| OUTPUT CONFIGURATION             | Positive                                                                                         |
| OTHER NAMES                      | 1259-1164<br>1259-1164-MIL                                                                       |
| OPERATING TEMPERATURE            | -55°C ~ 125°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-Down                                                                               |
| FREQUENCY - SWITCHING            | 500kHz                                                                                           |
| DUTY CYCLE (MAX)                 | 96%                                                                                              |
| DETAILED DESCRIPTION             | Buck, Boost Regulator Positive Output Step-Up, Step-Down DC-DC Controller IC                     |
| CONTROL FEATURES                 | -                                                                                                |
| CLOCK SYNC                       | No                                                                                               |

Related Tags

|                                                   |                                              |                                                    |
|---------------------------------------------------|----------------------------------------------|----------------------------------------------------|
| Microsemi UC1845AY                                | UC1845AY Distributor                         | UC1845AY Supplier                                  |
| UC1845AY Price                                    | UC1845AY Pictures                            | UC1845AY Image                                     |
| UC1845AY PDF Datasheet                            | UC1845AY Download Datasheet                  | UC1845AY Datasheet                                 |
| UC1845AY Stock                                    | Buy UC1845AY                                 | Buy Microsemi UC1845AY                             |
| Microsemi UC1845AY                                | Microsemi Supplier                           | Microsemi Distributor                              |
| Microsemi UC1845AY                                | Microsemi Analog Mixed Signal Group UC1845AY | Microsemi Analog Mixed Signal Group [MIL] UC1845AY |
| Microsemi Consumer Medical Product Group UC1845AY | Microsemi HI-REL [MIL] UC1845AY              | Microsemi Power Management Group UC1845AY          |
| Microsemi Power Products Group UC1845AY           | Microsemi SoC UC1845AY                       | Microsemi Commercial Components Group UC1845AY     |
| Microsemi Corporation UC1845AY                    | Microsemi Solutions Sdn Bhd. UC1845AY        |                                                    |

Related Products

|                                                                                    |                                                                                                                                                                                                            |                                                                                      |                                                                                                                                                                                                              |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <b>UC1846VTD2</b><br>Manufacturers: N/A<br>Description: IC REG CTRLR MULT TOPOLOGY DIE<br>In stock: 142 pcs<br>         |  | <b>UC1843AMDREPG4</b><br>Manufacturers: N/A<br>Description: IC REG CTRLR MULT TOPOLOGY 8SOIC<br>In stock: 24837 pcs<br> |
|  | <b>UC1843AVTD2</b><br>Manufacturers: N/A<br>Description: UC1843AVTD2<br>In stock: 195 pcs<br>                           |  | <b>UC1846MDWREP</b><br>Manufacturers: N/A<br>Description: IC REG CTRLR MULT TOP 16SOIC<br>In stock: 22728 pcs<br>       |
|  | <b>UC1846VTD1</b><br>Manufacturers: N/A<br>Description: IC REG CTRLR MULT TOPOLOGY DIE<br>In stock: 131 pcs<br>         |  | <b>UC1843AVTD1</b><br>Manufacturers: N/A<br>Description: UC1843AVTD1<br>In stock: 237 pcs<br>                           |
|  | <b>UC1845AMDREP</b><br>Manufacturers: N/A<br>Description: IC REG CTRLR MULT TOPOLOGY 8SOIC<br>In stock: 25682 pcs<br>   |  | <b>UC1843MKGD1</b><br>Manufacturers: N/A<br>Description: IC REG CTRLR MULT TOPOLOGY DIE<br>In stock: 370 pcs<br>        |
|  | <b>UC1845AMDREPG4</b><br>Manufacturers: N/A<br>Description: IC REG CTRLR MULT TOPOLOGY 8SOIC<br>In stock: 26711 pcs<br> |  | <b>UC1844AMDREP</b><br>Manufacturers: N/A<br>Description: IC REG CTRLR BST FLYBK PWM 8SOIC<br>In stock: 26397 pcs<br>   |
|  | <b>UC1843TD2</b><br>Manufacturers: N/A<br>Description: IC REG CTRLR MULT TOPOLOGY DIE<br>In stock: 350 pcs<br>          |  | <b>UC1843TD1</b><br>Manufacturers: N/A<br>Description: IC REG CTRLR MULT TOPOLOGY DIE<br>In stock: 350 pcs<br>          |

