

MIC2580A-1.6YTS



Part Number: [MIC2580A-1.6YTS](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC CTRLR PCI HOT SWAP 24-TSSOP

Data sheet:  [MIC2580A](#)

RoHs Status: Lead free / RoHS Compliant

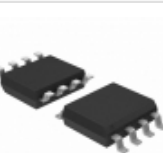
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                              |                                  |                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|----------------------------------|---------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | MIC2580A-1.6YTS                                                              | Manufacturer                     | <a href="#">Micrel / Microchip Technology</a>                             |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC CTRLR PCI HOT SWAP 24-TSSOP                                               | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 4688 pcs                                                                     | Data sheet                       | <a href="#">MIC2580A</a>                                                  |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a>                                    | Voltage - Supply                 | 3.3V, 5V, ±12V                                                            |
| Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Hot Swap Controller, Switching Regulator                                     | Supplier Device Package          | 24-TSSOP                                                                  |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                                                            | Programmable Features            | Current Limit, Fault Timeout, Slew Rate                                   |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Tube                                                                         | Package / Case                   | 24-TSSOP (0.173", 4.40mm Width)                                           |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | -40°C ~ 85°C                                                                 | Number of Channels               | 4                                                                         |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Surface Mount                                                                | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                             |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Lead free / RoHS Compliant                                                   | Internal Switch(s)               | Both                                                                      |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Latched Fault, Thermal Limit                                                 | Feature Pins                     | CRST, CSLEW, CSTART, /EPWRGD, /FAULT, /LPCIRST, /ON, /PCIRST, /POR, VPCHG |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Hot Swap Controller, Switching Regulator 4 Channel CompactPCI™, PCI 24-TSSOP | Current - Output (Max)           | -                                                                         |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | MIC2580A                                                                     | Applications                     | CompactPCI™, PCI                                                          |
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