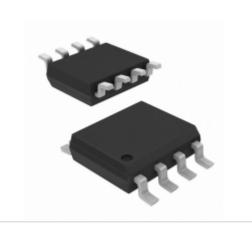


AO4302



Images are for reference only. See Product Specifications for product details. Buy AO4302 with confidence from Components-Store.com, 1 Year Warranty



Part Number: AO4302

Manufacturer Alpha and Omega Semiconductor, Inc.

Description MOSFET N-CH 30V 23A 8SOIC

Data sheet:

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Request For Quotation

PRODUCT PARAMETER

| Part Number | | <u>AO4302</u> |
|--------------------------------|------------|---|
| Manufacturer | | Alpha and Omega Semiconductor, Inc. |
| Description | | MOSFET N-CH 30V 23A 8SOIC |
| Lead Free Status / RoHS Statu | s | Lead free / RoHS Compliant |
| Quantity Available | | 62858 pcs |
| Product Photo | | <u>AO4302.jpg</u> |
| Category | | Discrete Semiconductor Products |
| Vgs(th) (Max) @ Id | | 2.3V @ 250µA |
| Vgs (Max) | | ±20V |
| Technology | | MOSFET (Metal Oxide) |
| Supplier Device Package | | 8-SOIC |
| Series | | - |
| Rds On (Max) @ Id, Vgs | | 4 mOhm @ 20A, 10V |
| Power Dissipation (Max) | | 3.6W (Ta) |
| Packaging | | Original-Reel® |
| Package / Case | | 8-SOIC (0.154", 3.90mm Width) |
| Other Names | | 785-1545-6 |
| Operating Temperature | | -55°C ~ 150°C (TJ) |
| Mounting Type | | Surface Mount |
| Moisture Sensitivity Level (MS | iL) | 1 (Unlimited) |
| Lead Free Status / RoHS Statu | S | Lead free / RoHS Compliant |
| Input Capacitance (Ciss) (Max |) @ Vds | 3470pF @ 15V |
| Gate Charge (Qg) (Max) @ Vgs | 5 | 63nC @ 10V |
| FET Type | | N-Channel |
| FET Feature | | - |
| Drive Voltage (Max Rds On, M | in Rds On) | 4.5V, 10V |
| Drain to Source Voltage (Vdss |) | 30V |
| Detailed Description | | N-Channel 30V 23A (Ta) 3.6W (Ta) Surface Mount 8-SOIC |
| Current - Continuous Drain (Id | l) @ 25°C | 23A (Ta) |
| | | |

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| Terre Contract | Part#: AO4266 Description: MOSFET N-CH 60V 10A | Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: 5407 | RFQ |
| P | Part#: AO4306 Description: MOSFET N-CH 30V 13A 8SOIC | Manufacturers: Alpha and Omega Semiconductor, Inc. In Stock: 368062 | RFQ |
| | Part#: AO4294 | Manufacturers: Alpha and Omega Semiconductor, Inc. | |

| AND | Part#: AO4294 | Manufacturers: Alpha and Omega Semiconductor, Inc. | RFQ |
|---------------|---|--|-----|
| inter . | Description: MOSFET N-CH 100V 11.5A 8SOIC | In Stock: 114794 | |
| 200 | Part#: AO4290A | Manufacturers: Alpha and Omega Semiconductor, Inc. | RFQ |
| - and | Description: MOSFET N-CH 100V 15.5A 8SOIC | In Stock: 89516 | |
| | | | |
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