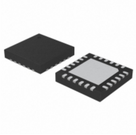
# AS3683



Images are for reference only.
See Product Specifications for product details.
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**Part Number:** AS3683
**Manufacturer** ams
**Description** IC LED DRIVER RGLTR 400MA 24QFN
**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** | AS3683 | **Manufacturer** | ams |
| **Description** | IC LED DRIVER RGLTR 400MA 24QFN | **Lead Free Status / RoHS Status** | Lead free / RoHS Compliant |
| **Quantity Available** | 5138 pcs | **Data sheet** | |
| **Category** | Integrated Circuits (ICs) | **Voltage - Supply (Min)** | 3V |
| **Voltage - Supply (Max)** | 5.5V | **Voltage - Output** | 5.3V |
| **Type** | DC DC Regulator | **Topology** | Switched Capacitor (Charge Pump) |
| **Supplier Device Package** | 24-QFN (4x4) | **Series** | - |
| **Packaging** | Tray | **Package / Case** | 24-VFQFN Exposed Pad |
| **Operating Temperature** | -30°C ~ 85°C (TA) | **Number of Outputs** | 6 |
| **Mounting Type** | Surface Mount | **Moisture Sensitivity Level (MSL)** | 3 (168 Hours) |
| **Lead Free Status / RoHS Status** | Lead free / RoHS Compliant | **Internal Switch(s)** | Yes |
| **Frequency** | 1MHz | **Dimming** | - |
| **Detailed Description** | LED Driver IC 6 Output DC DC Regulator Switched Capacitor (Charge Pump) 400mA (Flash) 24-QFN (4x4) | **Current - Output / Channel** | 400mA (Flash) |
| **Applications** | Backlight | | |

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## RELATED PRODUCTS

Part#: AS3682/83 EVALUATION BOARD SFL — Manufacturers: ams — RFQ
Description: BOARD EVALL AS3682/83 SFL

Part#: AS3677-ZWLT — Manufacturers: ams — RFQ
Description: IC PMU POWER/LIGHTING 25-WLCSP

Part#: AS3677-ZWLT-500 — Manufacturers: ams — RFQ
Description: IC LIGHTING MGMT UNIT 25WLCSP

Part#: AS3682-T — Manufacturers: ams — RFQ
Description: IC LED DRIVER RGLTR 400MA 24QFN

Part#: AS3682-EA1 — Manufacturers: ams — RFQ
Description: IC LED DRIVER RGLTR 400MA 24QFN

Part#: AS3682/83 EVALUATION BOARD HFL — Manufacturers: ams — RFQ
Description: BOARD EVALL AS3682/83 HFL

Part#: AS3688 — Manufacturers: ams — RFQ
Description: IC LED DRIVER CTRLR/RGLTR 32QFN

Part#: AS3683-T — Manufacturers: ams — RFQ
Description: IC LED DRIVER RGLTR 400MA 24QFN

Part#: AS3685A-DB-DFN — Manufacturers: ams — RFQ
Description: BOARD DEMO FOR AS3685A

Part#: AS3684E — Manufacturers: Ohmite — RFQ
Description: POT 2M OHM 1/2W CARBON LINEAR

Part#: AS3685B — Manufacturers: ams — RFQ
Description: IC LED DRIVER REGULATOR 1A 10DFN

Part#: AS3685A — Manufacturers: ams — RFQ
Description: IC LED DRIVER REG AS3685A WLP

Part#: AS3685A-DB-WL — Manufacturers: ams — RFQ
Description: BOARD DEMO FOR AS3685A

Part#: AS3685A-ZWLT-2Y80 — Manufacturers: ams — RFQ
Description: IC LED DRIVER REGULATOR 1A 10DFN

Part#: AS3685A-ZDFT-2Y80 — Manufacturers: ams — RFQ
Description: IC LED DRIVER REGULATOR 1A 10DFN

Part#: AS3681 DB — Manufacturers: ams — RFQ
Description: BOARD DEMO FOR AS3681

Part#: AS3682 — Manufacturers: ams — RFQ
Description: IC LED DRIVER RGLTR 400MA 24QFN

Part#: AS3676 — Manufacturers: ams — RFQ
Description: IC PMU POWER/LIGHTING 30-WLCSP

Part#: AS3676-ZWLT — Manufacturers: ams — RFQ
Description: IC PMU POWER/LIGHTING 30-WLCSP

Part#: AS3685C-T — Manufacturers: ams — RFQ
Description: IC LED DRIVER RGLTR DIM 1A 10DFN

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