

# AS1382A-BWLT-AD

#### AS1382A-BWLT-AD Information

| Heisener.com       | Part Number  | AS1382A-BWLT-AD                                                                        |
|--------------------|--------------|----------------------------------------------------------------------------------------|
|                    | Manufacturer | ams                                                                                    |
|                    | Category     | Integrated Circuits (ICs)<br>PMIC - Voltage Regulators - DC DC Switching<br>Regulators |
|                    | Description  | IC REG BUCK ADJ 1A SYNC 6WLCSP                                                         |
|                    | Package      | 6-UFBGA, WLCSP                                                                         |
| For Reference Only |              | For the pricing/inventory/lead time, please contact                                    |
|                    |              | us                                                                                     |
|                    |              | Website: https://www.heisener.com                                                      |
|                    |              | E-mail: salesdept@heisener.com                                                         |

### **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



est a Quote

## AS1382A-BWLT-AD Specifications

| Manufacturer Part Number     | AS1382A-BWLT-AD                                        |  |  |
|------------------------------|--------------------------------------------------------|--|--|
| Manufacturer                 | ams                                                    |  |  |
| Category                     | Integrated Circuits (ICs)                              |  |  |
|                              | PMIC - Voltage Regulators - DC DC Switching Regulators |  |  |
| Package                      | 6-UFBGA, WLCSP                                         |  |  |
| Series                       | -                                                      |  |  |
| Function                     | Step-Down                                              |  |  |
| Output Configuration         | Positive                                               |  |  |
| Topology                     | Buck                                                   |  |  |
| Output Type                  | Adjustable                                             |  |  |
| Number of Outputs            | 1                                                      |  |  |
| Voltage - Input (Min)        | 2.7V                                                   |  |  |
| Voltage - Input (Max)        | 5.5V                                                   |  |  |
| Voltage - Output (Min/Fixed) | 0.58V                                                  |  |  |
| Voltage - Output (Max)       | 3.35V                                                  |  |  |
| Current - Output             | 1A                                                     |  |  |
| Frequency - Switching        | 4MHz                                                   |  |  |
| Synchronous Rectifier        | Yes                                                    |  |  |
| Operating Temperature        | -40°C ~ 85°C (TA)                                      |  |  |
| Mounting Type                | Surface Mount                                          |  |  |
| Package / Case               | 6-UFBGA, WLCSP                                         |  |  |
| Supplier Device Package      | 6-WLCSP (1.22x0.85)                                    |  |  |
|                              | Report errors?                                         |  |  |

#### AS1382A-BWLT-AD Guarantees



**Quality Guarantees** 

We provide 90 days warranty. \* If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.

# SERVICE BUARANTEE

#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

#### AS1382A-BWLT-AD Payment Methods





If you have any question about AS1382A-BWLT-AD, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com