

SAI02



**Part Number:** [SAI02](#)

**Manufacturer:** [Sanken Electric Co., Ltd.](#)

**Description:** IC REG BUCK 3.3V 0.5A PS-4PIN

**Data sheet:**  [SAI Series](#)

**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

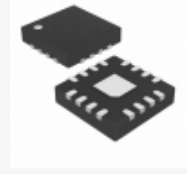
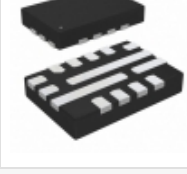
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| PRODUCT PARAMETER              |                                           |                                  |                                                                                 |
|--------------------------------|-------------------------------------------|----------------------------------|---------------------------------------------------------------------------------|
| Part Number                    | SAI02                                     | Manufacturer                     | <a href="#">Sanken Electric Co., Ltd.</a>                                       |
| Description                    | IC REG BUCK 3.3V 0.5A PS-4PIN             | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                      |
| Quantity Available             | 65866 pcs                                 | Data sheet                       | <a href="#">SAI Series</a>                                                      |
| Category                       | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Output (Min/Fixed)     | 3.3V                                                                            |
| Voltage - Output (Max)         | -                                         | Voltage - Input (Min)            | 5.3V                                                                            |
| Voltage - Input (Max)          | 28V                                       | Topology                         | Buck                                                                            |
| Synchronous Rectifier          | No                                        | Supplier Device Package          | 4-SMD                                                                           |
| Series                         | -                                         | Packaging                        | Tape & Reel (TR)                                                                |
| Package / Case                 | 4-SMD, Gull Wing                          | Output Type                      | Fixed                                                                           |
| Output Configuration           | Positive                                  | Other Names                      | SAI02 DK                                                                        |
| Operating Temperature          | -30°C ~ 125°C (TA)                        | Number of Outputs                | 1                                                                               |
| Mounting Type                  | Surface Mount                             | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                   |
| Lead Free Status / RoHS Status | Lead free / RoHS Compliant                | Function                         | Step-Down                                                                       |
| Frequency - Switching          | 60kHz                                     | Detailed Description             | Buck Switching Regulator IC Positive Fixed 3.3V 1 Output 500mA 4-SMD, Gull Wing |
| Current - Output               | 500mA                                     |                                  |                                                                                 |

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|  | Part#: <a href="#">SAI300A</a><br>Description: FOOT HEXAGONAL BLACK                      | Manufacturers: <a href="#">Essentra Components</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SAI100A</a><br>Description: FOOT HEXAGONAL BLACK                      | Manufacturers: <a href="#">Essentra Components</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SAI400A</a><br>Description: FOOT HEXAGONAL BLACK                      | Manufacturers: <a href="#">Essentra Components</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SAIT25</a><br>Description: ANALOG INSUL RESISTANCE TESTER             | Manufacturers: <a href="#">TPI (Test Products International)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SAI01</a><br>Description: IC REG BUCK 5V 0.5A PS-4PIN                 | Manufacturers: <a href="#">Sanken Electric Co., Ltd.</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SAI200A</a><br>Description: FOOT HEXAGONAL BLACK                      | Manufacturers: <a href="#">Essentra Components</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SAI01V1</a><br>Description: IC REG BUCK 5V 0.5A PS-4PIN               | Manufacturers: <a href="#">Sanken Electric Co., Ltd.</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SAI03</a><br>Description: IC REG BUCK 12V 0.4A PS-4PIN                | Manufacturers: <a href="#">Sanken Electric Co., Ltd.</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SAI600A</a><br>Description: FOOT HEXAGONAL BLACK                      | Manufacturers: <a href="#">Essentra Components</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX16977SATE+T</a><br>Description: IC REG BUCK ADJ/5V 2A 16TQFN       | Manufacturers: <a href="#">Maxim Integrated</a>                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SAI500A</a><br>Description: FOOT HEXAGONAL BLACK                      | Manufacturers: <a href="#">Essentra Components</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">S-8353A36UA-IQVT2U</a><br>Description: IC REG BOOST 3.6V 0.3A SOT89-3 | Manufacturers: <a href="#">SII Semiconductor Corporation</a>     | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SAI02V1</a><br>Description: IC REG BUCK 3.3V 0.5A PS-4PIN             | Manufacturers: <a href="#">Sanken Electric Co., Ltd.</a>         | <a href="#">RFQ</a> |
|  | Part#: <a href="#">TPS544C25RVFT</a><br>Description: IC REG BUCK ADJ 30A SYNC 40LQFN     | Manufacturers: <a href="#">N/A</a>                               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SAI800A</a><br>Description: FOOT HEXAGONAL BLACK                      | Manufacturers: <a href="#">Essentra Components</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SAIT200</a><br>Description: ANALOG INSUL RESISTANCE TESTER            | Manufacturers: <a href="#">TPI (Test Products International)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SAI700A</a><br>Description: FOOT HEXAGONAL BLACK                      | Manufacturers: <a href="#">Essentra Components</a>               | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MAX632ACSA</a><br>Description: IC REG BST SWITCHD CAP INV 8SOIC       | Manufacturers: <a href="#">Maxim Integrated</a>                  | <a href="#">RFQ</a> |
|  | Part#: <a href="#">RT6238ALGQUF</a><br>Description: IC REG BUCK ADJ 8A SYNC              | Manufacturers: <a href="#">Richtek</a>                           | <a href="#">RFQ</a> |
|  | Part#: <a href="#">SAI03V1</a><br>Description: IC REG BUCK 12V 0.4A PS-4PIN              | Manufacturers: <a href="#">Sanken Electric Co., Ltd.</a>         | <a href="#">RFQ</a> |

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