



Energy Micro (Silicon Labs)



SI8900B-A01-GS

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | SI8900B-A01-GS                                                                                               |
| Manufacturer/Brand: | Energy Micro (Silicon Labs)                                                                                  |
| Product description | IC ADC 10BIT SRL/UART SOIC                                                                                   |
| Datasheets:         |  SI8900B-A01-GS.pdf         |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 35922 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

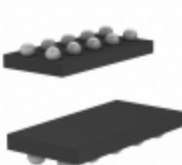
Specifications of SI8900B-A01-GS

|                                  |                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | SI8900B-A01-GS                                                                                         |
| MANUFACTURER                     | Energy Micro (Silicon Labs)                                                                            |
| DESCRIPTION                      | IC ADC 10BIT SRL/UART SOIC                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| QUANTITY AVAILABLE               | 35922 pcs                                                                                              |
| DATA SHEET                       |  SI8900B-A01-GS.pdf |
| VOLTAGE - SUPPLY, DIGITAL        | 2.7 V ~ 3.6 V                                                                                          |
| VOLTAGE - SUPPLY, ANALOG         | 2.7 V ~ 3.6 V                                                                                          |
| SUPPLIER DEVICE PACKAGE          | 16-SOIC                                                                                                |
| SERIES                           | -                                                                                                      |
| SAMPLING RATE (PER SECOND)       | -                                                                                                      |
| REFERENCE TYPE                   | External, Internal                                                                                     |
| RATIO - S/H:ADC                  | -                                                                                                      |
| PACKAGING                        | Tube                                                                                                   |
| PACKAGE / CASE                   | 16-SOIC (0.295", 7.50mm Width)                                                                         |
| OTHER NAMES                      | 336-2193-5<br>SI8900BA01GS                                                                             |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                                                           |
| NUMBER OF INPUTS                 | 3                                                                                                      |
| NUMBER OF BITS                   | 10                                                                                                     |
| NUMBER OF A/D CONVERTERS         | 1                                                                                                      |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| INPUT TYPE                       | Single Ended                                                                                           |
| FEATURES                         | PGA                                                                                                    |
| DETAILED DESCRIPTION             | 10 Bit Analog to Digital Converter 3 Input 1 SAR 16-SOIC                                               |
| DATA INTERFACE                   | UART                                                                                                   |
| CONFIGURATION                    | MUX-PGA-ADC                                                                                            |
| BASE PART NUMBER                 | SI890                                                                                                  |
| ARCHITECTURE                     | SAR                                                                                                    |

Related Tags

|                                            |                                      |                                                |
|--------------------------------------------|--------------------------------------|------------------------------------------------|
| Energy Micro (Silicon Labs) SI8900B-A01-GS | SI8900B-A01-GS Distributor           | SI8900B-A01-GS Supplier                        |
| SI8900B-A01-GS Price                       | SI8900B-A01-GS Pictures              | SI8900B-A01-GS Image                           |
| SI8900B-A01-GS PDF Datasheet               | SI8900B-A01-GS Download Datasheet    | SI8900B-A01-GS Datasheet                       |
| SI8900B-A01-GS Stock                       | Buy SI8900B-A01-GS                   | Buy Energy Micro (Silicon Labs) SI8900B-A01-GS |
| Energy Micro (Silicon Labs) SI8900B-A01-GS | Energy Micro (Silicon Labs) Supplier | Energy Micro (Silicon Labs) Distributor        |
| Energy Micro (Silicon Labs) SI8900B-A01-GS | Energy Micro SI8900B-A01-GS          | Energy Micro (Silicon Labs) SI8900B-A01-GS     |
| Silicon Laboratories SI8900B-A01-GS        | Silicon Labs SI8900B-A01-GS          |                                                |

Related Products

|                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div>SI88644ED-IS<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 4CH GEN PURP 24SOIC<br/>In stock: 22050 pcs</div> <div>RFQ</div>  |  <div>SI8901B-A01-GS<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC ADC 10BIT I2C/SRL SOIC<br/>In stock: 18108 pcs</div> <div>RFQ</div>       |
|  <div>SI8900EDB-T2-E1<br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: MOSFET 2N-CH 20V 5.4A 10-MFP<br/>In stock: 56495 pcs</div> <div>RFQ</div>  |  <div>SI88644EC-ISR<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 4CH GEN PURP 24SOIC<br/>In stock: 20356 pcs</div> <div>RFQ</div> |
|  <div>SI8901B-A01-GSR<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC ADC 10BIT I2C/SRL SOIC<br/>In stock: 25263 pcs</div> <div>RFQ</div>      |  <div>SI8900B-A01-GSR<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC ADC 10BIT SRL/UART SOIC<br/>In stock: 35762 pcs</div> <div>RFQ</div>     |
|  <div>SI88XXXISO-KIT<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: EVAL BOARD SI882XX ISOLATOR PLUS<br/>In stock: 3367 pcs</div> <div>RFQ</div> |  <div>SI88644EC-IS<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 4CH GEN PURP 24SOIC<br/>In stock: 16987 pcs</div> <div>RFQ</div>  |
|  <div>SI886XXISO-KIT<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: EVALUATION KIT SI886XX<br/>In stock: 4244 pcs</div> <div>RFQ</div>           |  <div>SI8900D-A01-GSR<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC ADC 10BIT SRL/UART SOIC<br/>In stock: 30565 pcs</div> <div>RFQ</div>     |
|  <div>SI88643EC-ISR<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: DGTL ISO 5KV 4CH GEN PURP 24SOIC<br/>In stock: 22349 pcs</div> <div>RFQ</div> |  <div>SI8900D-A01-GS<br/>Manufacturers: Energy Micro (Silicon Labs)<br/>Description: IC ADC 10BIT SRL/UART SOIC<br/>In stock: 30937 pcs</div> <div>RFQ</div>      |