
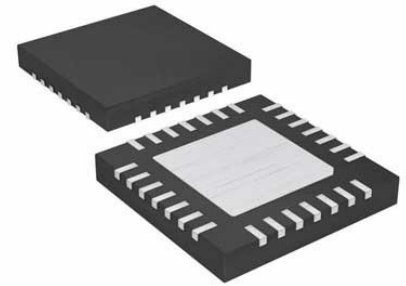


## Low Voltage GPIO 20-Pin QFN-UT T/R

<b>Manufacturer:</b>	<a href="#">Semtech Corporation</a>
<b>Package/Case:</b>	QFN28
<b>Product Type:</b>	Drivers
<b>RoHS:</b>	RoHS Compliant/Lead free 
<b>Lifecycle:</b>	Obsolete



Images are for reference only

[Inquiry](#)

## General Description

The SX1501, SX1502 and SX1503 are complete ultra low voltage General Purpose parallel Input/Output (GPIO) expanders ideal for low power handheld battery powered equipment.

### Key Features

- 4/8/16 channel of I/Os
- True bi-directional style I/O
- Programmable Pull-up/Pull-down
- Push/Pull outputs
- 1.2V to 5.5V independent operating voltage for all supply rails (VDDM, VCC1, VCC2)
- 5.5V compatible I/Os, up to 24mA output sink
- Fully programmable logic functions (PLD)
- 400kHz 2-wire I2C compatible slave interface
- Open drain active low interrupt output (NINT)
- Bit maskable
- Programmable edge sensitivity
- Power-On Reset and reset input (NRESET)
- Ultra low current consumption of typ. 1µA
- Ultra-Thin 3x3mm QFN-UT-20 and TSSOP-20 packages (SX1501/SX1502)
- Ultra-Thin 4x4mm QFN-UT-28 and TSSOP-28 packages (SX1503)

### Application

- Cell phones, PDAs, MP3 players
- Digital camera
- Portable multimedia player
- Notebooks
- GPS Units
- Industrial, ATE
- Any battery powered equipment
- Packaging
  - QFN-UT-28 (4x4mm)
- Order Codes
  - SX1503I091TRT: Lead Free, RoHS Compliant, Package minimum tape and reel

## Recommended For You

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### **SX1509BIULTRT**

Semtech Corporation

QFN28

### **SX1509QBIULTRT**

Semtech Corporation

QFN-28

### **SX1502I087TRT**

Semtech Corporation

QFN20

### **SX1508BIULTRT**

Semtech Corporation

QFN

### **SX8723CWLIDT**

Semtech Corporation

QFN

### **SX8724CWLIDT**

Semtech Corporation

QFN

### **SX1504I087TRT**

Semtech Corporation

20-QFN-UT(3x3)

### **SX8725E083TRT**

Semtech Corporation

QFN

### **SX8725CWLIDT**

Semtech Corporation

QFN

### **SX1512BIULTRT**

Semtech Corporation

28-UFQFN

### **SX8724E082TRT**

Semtech Corporation

QFN

### **GN4124-CBE3**

Semtech Corporation

BGA-256