# T5577
# RFID Silicone Wristband

**LF** | **ISO/IEC 11784** | **ISO/IEC 11785**



## Key Features

**Operating Frequency**
LF 100-150KHz

**Chip Type**
T5577

**International Standard**
ISO/IEC 11784, ISO/IEC 11785

**EEPROM**
330-bit (10 blocks, 33 bits each)

**Reading Distance**
5-10cm

**R/W Availability**
Read/Write

**Operating Environment**
-30°C to +220°C

## 1.    Product Overview

The silicone wristband with T5577 chip is a watch-style wristband that is elastic, easy to wear, easy to use, waterproof, moisture-proof, shock-proof, and high temperature resistant. It can be used in access control systems, event management, membership management, etc.

## 2.    Product Parameters

### 2.1 Physical Characteristics

| SKU | AZ-T5577-SW |
|---|---|
| Material | Silicone |
| Characteristics | Waterproof, high temperature resistant |
| Specification | Adjustable: SW05, SW06, SW07, SW09, SW10-1C, SW10-2C, SW11-1C, SW11-2C<br>Non-adjustable: SW01/SW02, SW03, SW04, SW08 |

**\* Detailed specification of each model will be specified in the attached leaflet**

## 2.2 Technical Parameters

| | |
|---|---|
| **Operating Frequency** | 100-150KHz |
| **Communication Protocol** | ISO/IEC 11784, ISO/IEC 11785 |
| **Read Sensitivity** | -40 dBm to -20 dBm |
| **Reading Distance** | 5-10cm |

## 2.3 Chip Characteristics

| | |
|---|---|
| **Chip Manufacturer** | Atmel Corporation |
| **Chip Type** | T5577 |
| **R/W Availability** | Read/Write |
| **EEPROM** | 330-bit (10 blocks, 33 bits each) |
| **On-chip Resonant Capacitor  (Mask Option)** | 75 pF |

## 2.4 Additional Information

| | |
|---|---|
| **Operating Environment** | -30°C to 220°C |
| **Application** | Access control systems | Event management | Membership management, etc. |