

Wristband – NXP Mifare[®] or Proximity

Key Applications

- Access control
- School and campus
- Transit applications
- Loyalty programs
- Events



Providing the convenience of contactless technology when a photo ID is not required, our Wristbands are an alternative to smart card technology. Their durable silicone composition works well in most environments and can withstand frequent use. By wearing a wristband card holders will have the ability to present hands-free access credentials and NFC interactions.

Wristbands are available with low-frequency proximity technology or NXP Mifare[®] Classic EV1 or Mifare[®] DESFire[®] EV1 smart chip technology. The Wristbands are available in a range of custom orderable colors and stock colors. All Wristbands are manufactured with durable silicone material and ship with a serial number for immediate issuance.

	Atmel ATA5577 Proximity Wristband	NXP MIFARE® Classic® EV1 1Kbyte Wristband	NXP MIFARE® DESFire® EV1 4Kbyte Wristband
Base Part No.	WSW-1S01	WSW-2S11K0	WSW-2S24K0
Operating Frequency	125 kHz	13.56 MHz	13.56 MHz
RF Interface	ISO 7810	ISO 14443 Type A	
Typical Read Range	Up to 3" (100 mm) * Dependent upon reader technology		
Memory	EEPROM size 363-bit Factory Programmed	EEPROM size [byte] 1024 Write Endurance [cycles] up to 200,000 Data Retention [yrs] 10	EEPROM size [byte] 4096 Write Endurance [cycles] up to 200,000 Data Retention [yrs] 10
Material	Silicone		
Operating Specs	Operating Temperatures: -30°C to 220°C; Storage temperatures: -30°C to 220°C Humidity: 5% - 95% Non-Condensing		
Options	Colors: Red (-RED), Orange (-ORG), Yellow (-YEL), Green (-GRN), Blue (-BLU), Purple (-PUR), Black (-BLK), White (-WHT) Programming / Encoding External Numbering / Serializing		
Warranty	1 Year – See Terms and Conditions for complete details		

