

WHY ACCESS CONTROL SYSTEMS?

Top 5 Reasons Why Abracon's Components are Ideal for Access Control Systems

Reason 1: The AFAR3026-SN is an NFC antenna which is optimized for 13.56MHz operation frequency. The antenna is extremely thin at only 0.6mm on a 26.5 x 30mm flexi PCB board with a 100mm cable and IPEX connector.

Reason 2: The Niche™ PCB trace antennas for WiFi/Bluetooth are compact with the option of RF cable and connector making them easy to integrate into your design. The antenna can then be located away from your PCB for system design flexibility and quick go-to-market time.

Reason 3: The ABS8W Series crystal resonators can help with a very reliable oscillator start-up performance. The series can also support circuit designs where low power consumption is important such as battery-operated products.

Reason 4: The ABS05 Series 32.768kHz crystal resonators can help support a lower power consumption design. They have the option of exceptionally low Load Capacitance of 4pF.

Reason 5: The ASADV Series continuous volt SMD crystal oscillators are well-suited for Access Control. The input voltage is 1.6V to 3.63V making them ideal for battery-powered products. Additionally, the RMS Phase Jitter is low at maximum 1.0ps (12kHz to 20MHz) resulting in a good RFID performance.

