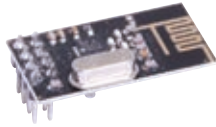


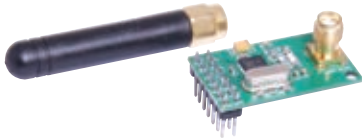
**Wireless nRF24L01+ 2.4GHz Module**



The nRF24L01+ is a wireless transceiver chip offering 100m range at 250kbps. Ideal for building short range data transmission into projects. 250kbps to 2Mbit data rate. 3.3-5V input.

Price Each	RRP	2+	4+
Z 6361	9.95	9.00	8.00

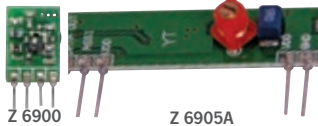
**NRF905 RF ISM Transceiver Breakout**



A 433-947MHz ISM band transceiver designed for use over distances up to 1000m. It is ideal for low power wireless communications between devices. 3.3V input. Note: when using, ensure you select a legal frequency for use in Australia. See ACMA website for more info.

Price Each	RRP	2+	4+
Z 6354	19.95	17.95	15.95

**433MHz Data Transceivers**



Range: 30m  
 Supply voltage: 5V DC  
 Transmission data rate: 8KB/sec  
 Receiver data rate: 4.8KB/sec  
 Modulate mode: ASK  
 Frequency range: 433.92MHz

Price Each	RRP	2+	5+
Z 6900 Transmitter	10.95	10.50	10.25
Z 6905A Receiver	10.95	10.50	10.25

**Input Control**

**Joystick Module With Select Button**



Similar to the analog joysticks found in game control pads with a 'select' button when pushed down. Ideal for control of robotics projects. 2.5V output from X and Y in resting position. 5V input. 27W x 34Lmm.

Price Each	RRP	2+	4+
Z 6363	4.95	4.50	4.00

**Joystick Game Shield**



A joystick and button controller which plugs directly onto an Arduino UNO. 3V3 or 5V DC input. Size: 88L x 54W x 40Hmm.

Price Each	RRP	2+	4+
Z 6340	19.95	17.95	15.95

**Arcade Style Momentary Switches**



Ideal for use in retro gaming projects or anywhere a jumbo momentary switch may be required.

- S 0910 Red
- S 0911 Green
- S 0912 Blue
- S 0913 Yellow
- S 0914 White

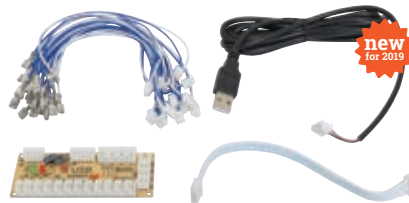


**SPECIFICATIONS**

Switch type: SPDT microswitch  
 Connection: 6.3mm spade  
 Illumination: 12V input  
 Mounting hole: 25mm

Price Each	RRP	10+	25+
ALL	9.95	8.95	7.95

**USB Interface For Joystick & Buttons**



A handy USB interface board for connection to a S 1147 joystick (below) and up to 12 arcade buttons (above). It connects into any device that supports a USB joystick. Includes pre-terminated interface leads with 6.3mm spade plugs. 35x85mm board size.

Price Each	RRP	10+	10+
S 1148	19.95	17.95	15.95

**Arcade Style Microswitch Joystick**



Ideal for gaming projects, this sturdy joystick provides multi directional control. Adjustable restrictor plate with 2, 4 or 8 way options.

**SPECIFICATIONS**

Joystick height: 66mm  
 Mounting plate size: 95 x 59mm  
 Mounting depth: 34mm  
 Switch type: SPST microswitches

Price Each	RRP	4+	10+
S 1147	19.95	17.95	15.95

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Download an application form at [www.altronics.com.au](http://www.altronics.com.au)

**Security/Biometric**

**3x4 Membrane Numeric Keypads**



Ideal for access control projects, these adhesive backed membrane keypads can be interfaced to an Arduino digital inputs. 85mm flexible flat connection lead. Z 6359 Inventa® version suits a standard Australian electrical wallplate.

Price Each	RRP	2+	4+
Z 6341	7.95	7.15	6.35
Z 6359	14.95	13.50	12.50

**Touch Sensor Breakout**

A capacitive touch sensor for projects requiring touch interaction. 2-5.5V DC input. 30L x 16Wmm.



Price Each	RRP	2+	4+
Z 6373	9.95	9.00	8.00

**Heart Rate Monitor Breakout**

Uses an IR LED and optical transistor to detect pulse on the surface of the skin. Can be easily attached to a velcro strap or ear clip. 3-5V input. 15mmØ.



Price Each	RRP	2+	4+
Z 6352	21.95	19.75	17.55

**Contactless RFID Breakout**



Uses the common MFRC522 chip to provide contactless 13.56MHz switching via electromagnetic field. Easy to set up with Arduino using readily available libraries. Includes keyfob and credit card style tags. 3.3V input. 40Lx60Wmm.

Price Each	RRP	2+	4+
Z 6356	14.95	13.50	12.00
S 5380 Card Tag	3.95	3.55	3.15
S 5382 Keyfob Tag	4.95	4.25	3.95

**GT-511C1R Fingerprint Sensor Breakout**



Add fingerprint authentication to your access control project. This device can store up to 20 individual prints via 360° recognition. Standard TTL serial comms. Powered by 5V DC. 37L x 17H x 9.5Hmm.

Price Each	RRP	2+	4+
Z 6394	69.95	63.00	56.00