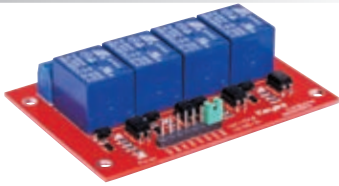


▼ Motor Control/Automation

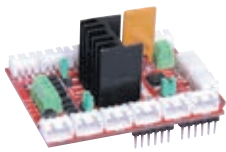
10A Relay Modules



Ideal for home appliance control. 5V-12V TTL control signal suitable for controlling DC / AC signal. 15-20mA driver current. 250V AC 10A ; 30V DC 10A rated relay.

Price Each	RRP	4+	8+
Z 6325 1 Channel 5V DC Coil	4.95	4.45	3.95
Z 6327 4 Channel 5V DC Coil	12.95	11.35	10.80
Z 6328 8 Channel 5V DC Coil	19.95	17.95	15.95

L298 H-Bridge Motor Shield



Uses an L298 H-Bridge designed to drive inductive loads, such as relays, solenoids, DC and stepping motors. It can also drive two independent DC motors, controlling the speed and direction of each. Standard Arduino shield dimensions with analog and digital output headers. 5V input.

Price Each	RRP	2+	4+
Z 6343	24.95	22.45	19.95

L293D Motor Shield

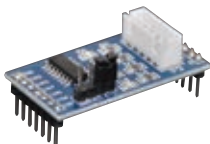


L293D is a monolithic integrated, high voltage, high current, 4-channel motor driver. Can drive 4 DC motors or 2 stepper motors or 2 servos. 4 H-Bridges: per bridge provides 0.6A (1.2A peak current). 4.5V to 16V DC motor voltage. Standard Arduino shield layout.

Price Each	RRP	4+	8+
Z 6208A	12.95	11.35	10.80

ULN2003 Motor Drive Module

On-board ULN2003A for driving inductive loads. 5-12V DC power supply. Header socket for connection to 28BYJ-48 stepper motor.



Price Each	RRP	2+	4+
Z 6329	4.95	4.45	3.95

PDF Downloads

Should you require any additional information on the operation or features of our products, you can find brochures, instructions and information in PDF format online at altronics.com.au.

Low Torque F130 Hobby Motor



A 13,500RPM flat top & bottom hobby motor commonly found in slot cars, robotics kits, toys and much more! 8.64gcm torque @ max efficiency.

Price Each	RRP	5+	10+
J 0022 1.5V	3.50	3.15	2.75
J 0024 3V	3.50	3.15	2.75

High Torque F260 Hobby Motor



10,000RPM rated hobby motor commonly found in robotics kits, toys and much more! 3-12VDC operation. 4.5V constant nominal operating voltage. 22.42gcm torque @ max efficiency.

Price Each	RRP	5+	10+
J 0026	4.75	4.30	3.80

Micro N20 Geared Motors



A very small geared motor with 3-12V input voltage. 3Ø x 10Lmm shaft. Size: 12W x 12H x 34L (inc shaft). 1.6A at stall. Torque: J 0051 5kg/cm, J 0054 2kg/cm. Suits J 0102.

Price Each	RRP	5+	10+
J 0051 298:1 22.5-90RPM	14.95	13.50	11.95
J 0054 150:1 50-200RPM	14.95	13.50	11.95
J 0049 Mounting bracket	3.95	3.55	3.15

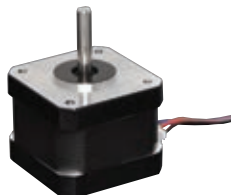
48:1 Geared Motor



A geared motor with lightweight plastic housing. 5mm double flat shaft. 0.8kg/cm torque. Suits J 0101 rubber wheel. Max 130rpm no load. 1.5A stall. 3-6V.

Price Each	RRP	5+	10+
J 0016 3-6V	5.95	5.35	4.75

42 Step Stepper Motor & Lead



12V 42-step 1.8° 48BYG stepper motor with interface lead. 2 phase type. 0.23Nm holding torque. 5mmØ shaft. NEMA17 M3 mounting hole pattern (31mm). Size: 42x42x34 (25mm shaft). 1m lead.

Price Each	RRP	5+	10+
J 0070 SM-42BYG011-25	32.50	29.95	27.50

5V Stepper Motor & ULN2003 Module



5V 64-step 28BYJ-48 stepper motor with ULN2003 interface board suitable for interfacing with Arduino based projects. A, B, C, D four-phase LED indicates the status of the stepper motor work. 5VDC input.

Price Each	RRP	2+	4+
Z 6330	9.95	8.75	7.95

2 x 90° SG90 Plastic Servo



This lightweight servo can rotate approximately 180° (90° in each direction). Uses any standard code or library. Includes 3 sets of armatures and mounting hardware. Weight: 9g. 5V input.

Price Each	RRP	4+	6+
Z 6392	9.95	8.95	7.95

5 Volt 2 x 60° MG995 Metal Servo



Supplied with 30cm wire and 3 pin 'S' type female header connector that fits most receivers. This high-speed standard servo can rotate approximately 120° (60° in each direction). Suitable for any servo code, hardware or library. Includes arms and hardware. Weight: 55g. 5V input.

Price Each	RRP	4+	6+
Z 6393	19.95	17.95	15.95

Driveshafts



Metal driveshafts for making customised drive designs in robots, etc.

Price Each	RRP	4+	10+
J 0005 Steel 75x2mm	0.75	0.60	0.50
J 0007 Aluminium 300x3.2mm	1.00	0.90	0.80

Plastic Wheel For 5mm Shaft

A plastic wheel with rubber tyre for robotics projects. 65Ø x 26Wmm. Suits motors with double flat 5mm shaft (such as J 0016).



Price Each	RRP	5+	10+
J 0101	3.95	3.40	3.00