24 VDC GEAR MOTOR W/ TURNTABLE
Relatively powerful, low-current DC motor and gearbox with a 4.9” dia. plastic (nylon?) turntable with a rubber o-ring circumference that could be used to drive another wheel. Turntable can be removed from motor and rubber ring on turntable can be removed as well.
- 45 RPM @ 24 Vdc, 60mA - 23 RPM @ 12Vdc
- Drive motor - Mabuchi RS-380SH, 1.1” D x 1.67” L
- Gearbox - Molon CHM-2435, 2.75” x 3.00” x 0.57”
- 5/16” diameter shaft, flatted and splined
- Threaded mounting holes in four corners.
CAT# DCM-351 $9.75 each

GEARMOTOR & WHEEL ASSEMBLY
- 4.5 - 10 Vdc gear motor
- 120 RPM @ 6 Vdc, 100Ma (no-load rating)
- Motor with gearbox is 2.5” x 0.75” x 0.9” excluding axle or wheel.
- 2.75” D x 1” hard plastic wheel and rubber tire
- Wheel can be attached to either side of motor.
CAT# AC-32 $3.00 each

12VDC AUTOMOBILE DOOR LOCK ACTUATOR
- 12 Vdc motor-drive actuator for automotive door locks
- Push or pull 0.75” depending on polarity
- Overall dimensions (retracted): 5.5” x 2.45” x 1.25”
- Nylon plunger
- Mounting hardware w/ 9.5” metal linkage rod
- Rubber boot protects against moisture & dust
CAT# DLA-1 $5.50 each

MOTOR SPEED CONTROLLERS
3 AMP DC MOTOR SPEED CONTROLLER
Controls the speed of a DC motor using Pulse-Width-Modulation. Has a potentiometer with on-off switch and a four-position screw terminal strip for easy connection to motor & power source. Can be used as a lighting dimmer and similar applications with DC loads up to 3A. 30 x 28mm pc board.
CAT# MSC-35 $5.75 each

10A DC MOTOR SPEED CONTROL / DIMMER
Can also be used as a lighting dimmer for DC loads up to 10A. On-board potentiometer and knob. Four-position screw-terminal strip for easy connection to motor and power source. Replaceable fuse.
CAT# MSC-10 $7.95 each

STEPPER MOTORS
STEPPER MOTOR & DRIVER BOARD
Includes our driver board, CAT# ME-16 (see below) and a 5-wire stepper motor that plugs directly into the board. Ideal for beginning robotics projects. Motor is a 4-phase, unipolar stepper, #28BYJ-48.
CAT# ME-125 $5.35 set

STEPPER MOTOR DRIVER BOARD
Four LEDs indicate the status of the stepper. Jumper for 5V / 12V use. 5-contact header mates with connector on some standard stepper motors. 32 x 34 x 11mm.
CAT# ME-16 $2.50 each

HIGH-RESOLUTION BI-POLAR STEPPER MOTOR, USED
- Oriental Motor Co., VEXTA # PK244-01AA-C21
- 4V, 1.2A, 2-Phase, 1.8 Degrees per step
- 42mm square x 40mm
- 5mm dia. x 18mm flattened shaft w/ cogbelt pulley
- 6 leads, 120mm length with 6-pin female connector (2mm spacing).
- From used equipment, in good condition.
CAT # SMT-376 $6.50 each

TINY STEPPER MOTORS W/ WORM SCREW
- 2-phase, 4-conductor stepper motors with worm screw
- 3-5Vdc. Working current: 200-350mA
- Step angle: 22.5 degrees (16 pulses per revolution).
- Motors do not have drive sleeves
- Available w/ two drive screw lengths
19mm Worm Screw 29 x 13 x 8mm overall dimensions
CAT# SMT-585 $1.10 each 10 for 90¢ each
30mm Worm Screw 40 x 13 x 8mm overall dimensions
CAT # SMT-595 $1.15 each 10 for $1.00 each

STEPPER / SERVO MOTOR CONTROLLER,
DK Electronics V1.0. Arduino compatible motor shield. The board has two STMicroelectronics L293D Motor H-Bridge IC’s which can drive up to 4 DC motors (or up to 2 stepper motors) with 0.6 A per bridge (1.2 A peak). 70 x 54 x 13mm.
CAT# SMD-293 $6.95 each