6-12 VDC 40 RPM GEAR MOTOR WITH SWITCH
Gear motor with 1/4” shaft. 40 RPM @ 12Vdc, 20 RPM @ 6Vdc. Gear box contains a micro switch that switches on briefly every revolution. 3.0” x 2.4” x 0.70” plastic gear box. CAT# DCM-493 $4.50 each

GEARMOTOR & WHEEL ASSEMBLY
4.5 - 10 Vdc gear motor with a 2.75” diameter x 1” wide hard plastic wheel and rubber tire. Wheel can be attached to either side of motor. Motor with gearbox is 2.5” long x 0.75” x 0.9” not including axle or wheel. Low current consumption, 120 RPM @ 6 Vdc, 100Ma (no-load rating). CAT# AC-32 $3.75, $3.00 each

3 AMP DC MOTOR SPEED CONTROLLER
Controls the speed of a DC motor using Pulse-Width-Modulation. An efficient method of changing the speed of a DC motor without changing voltage. Has a potentiometer with on-off switch and a four-position screw-terminal strip for easy connection to motor and 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 $7.50 each

STEPPER MOTORS
STEPPER / SPINDLE MOTOR
Seagate 73192-193MCCMAS. 45mm diameter x 20mm high stepper motor. 5mm diameter 10mm long shaft with aluminum bearing. 54mm mounting centers. Six 3” wire leads terminate to 6-pin socket. CAT# SMT-379 60¢ ea. • 10 for 50¢ ea.

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

STEPPER W/ WORM GEAR & LEAD SCREW
For converting rotary to linear motion. 0.25” dia. x 0.80” long worm gear with nylon lead screw. Lead screw is 0.25” thick with arms that extend in both directions, 1.4” overall length. CAT# SMT-387 $5.75 each

STEPPER WITH ROTATING MAGNET
Attached to the shaft is a small 6.3mm dia. x 6.3mm long cylindrical neodymium magnet. Ideal for applications that use hall effect sensors. CAT# SMT-388 $3.50 each

Both the above motors are Portescap #26M048T29. Mini 5V 7.5° 20Ω coil stepper motor. 48 steps per revolution. 26mm dia. x 13mm excluding shaft. Six 5” wire leads with 6-pin connector, 2mm spacing. Mounting flanges with 35mm centers.

STEPPER MOTOR DRIVER
Dual H-Bridge driver using L298N chip. 5V logic. Operates on 5-35Vdc. 25W max power. 43 x 43 x 26mm. CAT# SMD-298 $5.95 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

MICRO STEPPER W/ WORM SCREW
Tiny 2-phase, 4-wire stepper motor with worm screw. 3-5Vdc. Working current: 200-350 mA. Step angle: 22.5° (16 pulses to a circle). Dimensions including mounting bracket, 65 x 14 x 5mm. Length of worm screw, 48mm. Does not have a drive sleeve. CAT# SMT-597 $1.00 ea. • 5 for 85¢ ea.

12 VDC MOTOR-DRIVE ACTUATOR FOR AUTO DOOR LOCKS
Nylon plunger moves 0.75”. Push or pull, depending on polarity. Includes mounting hardware and a 10” metal extension rod which fits through the hole in the end of the plunger. Overall dimensions of actuator assembly (retracted): 8.42” x 2.35” x 1.15”. Rubber boot protects against moisture and dust. Pigtail leads. CAT # DLA-1 $5.50 each