

JAMECO ReliaPro

1.3VDC & 3VDC Vibrating Motors

JAMECO
EXCLUSIVE

★ Web Code: NBC

• Typical applications: cellular phones, pagers and toys



Fig. 1

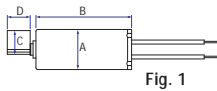


Fig. 1



Fig. 2



Fig. 3



Fig. 4

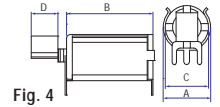


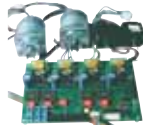
Fig. 4

Part No.	Cross Ref. No.	Fig.	Operating Voltage (VDC @ mA)	Operating Range (VDC)	Rated RPM @ VDC	Lead Length (in.)	Motor Size (A x B) (Dia. x Depth)	Shaft Size (C x D) (Dia. x Length)	Pricing		
									1	10	100
175062	OTL-7AL	1	1.3 @ 62	0.70 - 1.60	7000 @ 1.3	0.7	0.28 x 0.67	0.10 x 0.18	\$4.55	\$3.95	\$3.69
175396	OTL-4AL	3	1.3 @ 65	0.70 - 1.60	8500 @ 1.3	0.75	0.16 x 0.55	0.15 x 0.23	4.75	4.25	3.85
256306	6ZK003	2	1.3 @ 80	0.85 - 1.60	8500 @ 1.3	1.0	0.23 x 0.39	0.10 x 0.10	3.35	2.95	2.65
256322	6ZK211	4	1.3 @ 80	0.80 - 1.60	8500 @ 1.3	PC terminal	0.27 x 0.48	0.11 x 0.11	2.75	2.49	2.25
256365	7ZK692	2	3.0 @ 60	2.40 - 3.00	6500 @ 3.0	4.7	0.28 x 0.66	0.18 x 0.22	4.65	4.19	3.75
256382	7ZK681	2	3.0 @ 60	2.40 - 3.60	7500 @ 3.0	1.1	0.28 x 0.66	0.12 x 0.16	4.65	4.19	3.75
256314	6ZK053	2	3.0 @ 75	1.60 - 3.60	8500 @ 3.0	1.0	0.23 x 0.39	0.10 x 0.10	3.25	2.95	2.65
256331	6ZK261	4	3.0 @ 75	2.40 - 3.00	8500 @ 3.0	PC terminal	0.27 x 0.48	0.11 x 0.11	3.25	2.95	2.65

Stepper & Servo Motor Controllers

Multi-Stepper Motor Control Board

- Current-mode coil driver up to 2A/45V
- 11 analog channels, A/D converter, 12-bit resolution
- 24-bit position register; can be read while motor is moving
- High-speed serial communication interface 9.6kbps-230.4kbps
- Linear acceleration/deceleration capability up to 8500 step/sec.
- Full step (monophasic and biphasic), half step and external driver modes
- Simultaneous/independent control of up to 4 stepper motors in a single board (16 stepper motors by daisy chaining 4 boards)
- 26 digital I/O and two SPI interfaces for control of external devices • Size: 7.7"L x 5.0"W x 1.0"W



Shown w/ motors - not included



Part No.	Mfr. Part No.	1	5
168729	ST400NT-R10	\$399.95	\$379.95

Sport232-ST One Axis Stepper Motor Controller & DAC Board

- Shaft encoder capabilities for close loop applications
- Home, limit CW/CCW, abort, pulse and direction output signals
- 4-channels with signal conditioning 0 to 2.5V, 0 to 10V
- Linear acceleration/deceleration, profile movements through 128 bytes internal FIFO
- Full, half steps (monophasic, biphasic)
- 8 digital I/O and 8 analog inputs w/ 12-bit resolution
- Free 32-bit DLL for Windows 9x/NT/2000/XP, Linux and Labview



Part No.	Mfr. Part No.	1	5
355047	Sport232-ST	\$164.95	\$156.75

Pololu
PRODUCTS

High Power Motor Driver

- N-channel MOSFET H-bridge enables bidirectional control one of DC brushed motor
- 5.5-30V operating voltage range
- 15 amps continuous output current per channel
- 40kHz max. PWM frequency
- 5.5V max. logic voltage
- Size: 1.3"W x 0.8"L • Soldering required



NEW
MARKED IN PINK

Part No.	Mfr. Part No.	1	5
2128235	755	\$39.95	\$37.95

We offer data sheets for most of the products we carry. Find them easily on the product specification page at www.Jameco.com.

★ Stepper and Servo Motor Controllers — Enter Web Code VBA

KAE

Industrial Motion Controllers for Brush, Brushless & Stepper Motors

- 323942:** • For brush-type DC motors with 2 or 3 channel incremental encoders
- P.I.D. Servo control, trapezoidal position profiling, velocity mode, 32-bit resolution
 - Integrated 12 to 48VDC supply power amplifier @ 3A continuous, 6A peak
 - Limit switch inputs, general purpose analog input, PWM, DIR output for use with external amps

- 323951:** • For 3-phase brushless motors with hall effect sensors or conventional DC brush-type motors
- Amplifier capable of driving 6A continuously @ up to 48VDC
 - High current amplifier: 7A continuous, 10A peak, 12 to 48VDC supply
 - Support for linear & circular interpolation using the PIC-SERVO CMC chipset

- 184997:** • Trapezoidal position profiling, velocity mode, up to 50,000 steps per second
- Full/half step bipolar chopper drive, 2A per phase, 7.5 to 46VDC supply
 - Integrated indexer and driver for 2 or 4 phase stepper motors

Part No.	Mfr. Part No.	Description	Size (L x W x H)	1	5
323942	KAE-TOV10-BDV1	PIC-SERVO motor control board	3.1" x 2.1" x 0.9"	\$159.95	\$151.95
323951	KAE-TOV10-BD3PHV1	PIC-SERVO 3-phase motor control board for brush or brushless motors	3.1" x 3.1" x 0.9"	239.95	227.95
184997	PIC-STEP	PIC-STEP motor control board	3.1" x 2.1" x 0.9"	159.95	151.95

323942

184997

323951

Playstation® 2 Servo Motor Controller Interface

The controller features an integrated power supply that allows you to use available power supplies, batteries, wall transformers, or anything from 6V to 30V, either AC or DC. The IPS will regulate the power to run your servo motors efficiently. Power is supplied through on-board 2.5mm jack. A 2.5mm plug is provided for connecting your own power supply.

- 5 amp servo motor controller • Allows manual control of up to 6 servo motors
- Servo motor speed proportional to tilt of joystick
- Rumble feature activates when limit of rotation is reached (clockwise or counter-clockwise)
- Uses Playstation® PS2 wired or wireless controller (not included) • Servo motors not included



Part No.	Mfr. Part No.	Description	1	5
2124875	PS-SMC-06-05A	Playstation® 2 servo motor controller interface	\$119.95	\$113.95



RoHS compliant product + This product is available in both RoHS and non-RoHS versions. Add an "R" before part number for RoHS version. Details on page 189.