

APPLIED MOTION Drives



STEP MOTOR DRIVES

1030

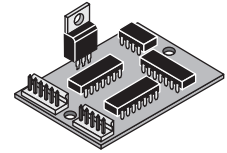
- Quarter Stepping
- 30W of usable power
- 1.0 Amps
- Drives 4, 6, or 8 lead size 11,14, 17 & 23 step motors
- MOSFET, dual H-bridge, inaudible PWM amplifier



Full and Half Stepping also available.
Contact a Mouser Service Representative.

For quantities of 10 and up, call for quote.

MOUSER STOCK NO.	Applied Motion Part No.	Fig.	Motor Current (Amps)	Voltage Range	Step Resolution per Revolution	Construction Type	Price Each	
							1	5
834-1030	1030	A	0-1.0	12-30VDC	200-800	Open Frame	100.00	95.00



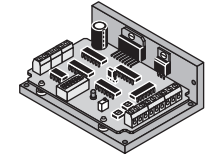
2035

- Full or Half drive
- 70W of usable power
- 2.0 Amps
- Drives 4, 6, or 8 lead size 11, 14, 17 & 23 step motors
- Screw terminal connectors
- Dual H-bridge, inaudible PWM amplifier



For quantities of 10 and up, call for quote.

MOUSER STOCK NO.	Applied Motion Part No.	Fig.	Motor Current (Amps)	Voltage Range	Step Resolution per Revolution	Construction Type	Price Each	
							1	5
834-2035	2035	B	0.125-2.0	12-35VDC	200/400	Open Frame	135.00	128.00
834-2035O	2035O	B	0.125-2.0	12-35VDC	200/400	With Oscillator	179.00	170.05
834-2035XD	2035XD	B	0.1-2.0	12-35VDC	200-50,800	2 Axis w/Oscillator	318.00	302.10



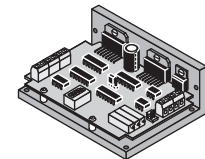
3535

- Full and Half Stepping
- 122W of usable power
- 3.5 Amps
- Drives 4, 6, or 8 lead size 11, 14, 17, and 23 step motors
- MOSFET, dual H-bridge, inaudible PWM amplifier



For quantities of 10 and up, call for quote.

MOUSER STOCK NO.	Applied Motion Part No.	Fig.	Motor Current (Amps)	Voltage Range	Step Resolution per Revolution	Construction Type	Price Each	
							1	5
834-3535	3535	C	0.4-3.5	12-35VDC	200/400	Open Frame	173.00	164.35



3540M & 7080

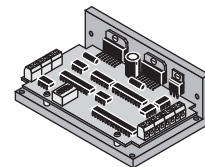
- Microstepping
- Drives 4, 6, or 8 lead size 11, 14, 17, 23, and 34 step motors
- MOSFET, dual H-bridge, inaudible PWM amplifier



For quantities of 10 and up, call for quote.

MOUSER STOCK NO.	Applied Motion Part No.	Fig.	Motor Current (Amps)	Voltage Range	Step Resolution per Revolution	Usable Power	Price Each	
							1	5
834-3540M	3540M	D	0.4-3.5	12-42VDC	400-12,800	140 watts	240.00	228.00
* 834-3540MO	3540MO	D	0.4-3.5	12-42VDC	12,800	140 watts	292.00	277.40

*With Digital Oscillator



PROGRAMMABLE STEP MOTOR DRIVES

1240i

The 1240i is a programmable step motor driver suited for a wide range of motion control applications. It includes a sophisticated controller integrated with a 48 watt microstepping amplifier.

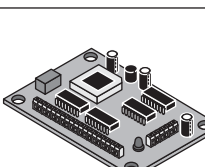


RoHS Compliant

- Software and programming cable included
- Built-in Indexer

For quantities of 10 and up, call for quote.

MOUSER STOCK NO.	Applied Motion Part No.	Fig.	Motor Current (Amps)	Voltage Range	Step Resolution per Revolution	Construction Type	Price Each	
							1	5
834-1240	1240i	E	0.2-1.2	12-42VDC	2,000-50,800	Open Frame	260.00	247.00



3540i

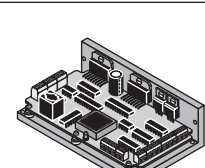
The 3540i is a programmable step motor driver suited for a wide range of motion control applications. It includes a sophisticated controller integrated with a 140 watt microstepping amplifier.



- Software and programming cable included
- Built-in Indexer
- TUV Compliant

For quantities of 10 and up, call for quote.

MOUSER STOCK NO.	Applied Motion Part No.	Fig.	Motor Current (Amps)	Voltage Range	Step Resolution per Revolution	Construction Type	Price Each	
							1	5
834-3540	3540i	F	0.2-3.5	12-42VDC	2,000-50,800	Open Frame	395.00	375.25



SI 2035 EVALUATION STARTER KIT

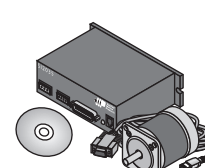
A complete motion control solution in one box.

Kit Includes:

- Si2035 step motor driver with integrated Si controller
- NEMA 23 step motor
- Power Cable
- Programming Cable
- Programming Software

For quantities of 5 and up, call for quote.

MOUSER STOCK NO.	Applied Motion Part No.	Fig.	Description	Price Each
834-SI2035KIT	SI2035KIT-1	G	Programmable Stepper Drive Evaluation Kit	575.00



SI 3540 PROGRAMMABLE STEP MOTOR DRIVE

The SI3540 is a programmable stepper drive/indexer packaged in a rugged steel case painted black with white epoxy silkscreen. Integral heat sink, mounting brackets, switch covers and connectors are included with each SI3540. The drive/indexer has been matched with twelve recommended NEMA 11, 14, 17 & 23 motors and comes with all operating software necessary to create a complete stepper motion solution.

Specifications:

- 140 watts of usable power
- CE and TUV compliant
- Ideal for 4, 6 or 8 leaded step motors NEMA sizes 11, 14, 17 and 23
- Dual, MOSFET H-bridge, 3 state, pulse width modulated amplifier switching at 20 - 30KHz
- AC input 110V or 220V switch selectable, 50-60 Hz
- DC bus voltage 35VDC full load, 40 VDC nominal
- TUV Compliant

Features:

- Software and programming cable included
- 8 user programmable inputs
- Screw terminal connectors



For quantities of 5 and up, call for quote.

MOUSER STOCK NO.	Applied Motion Part No.	Fig.	Motor Current (Amps)	Step Resolution per Revolution	Overall Size	Price Each
834-SI3540	SI3540	H	0.2-3.5	2,000 to 50,800	2.25" x 7.8" x 5.40"	705.00

