

		Foam Pro Rev1 Kit Contents
Qty	Reference	Part
7	C1,C2,C3,C4,C5,C6,C7	.1uF 50v Capacitor
4	C8,C9,C10,C11	10uF 50V Electrolytic Capacitor
1	C12	100uF 50V Electrolytic Capacitor
1	C13	.1uF 160WVDC Capacitor (blue and rectangular)
1	C14	4.7uF 35WVDC Tantalum (polarity is important)
2	C15, C16	680uF 50V Electrolytic Capacitor
1	H1	13 Pin Header
1	LED	Red LED
1	P1	DB25 90 Degree Male Connector
1	Q1	IRL540 Mosfet
1	Q2	NPN Transistor 2N3904 (do not confuse with Q3)
1	Q3	LM317L Voltage Regulator (do not confuse with Q2)
1	D1	MBR1100 Diode
13	R1,R2,R3,R4,R5,R6,R7,R8,R9,R10,R11,R12,R13	10K 1/4 W 1% (Brown Black Black Red Brown)
1	R14 (12V Fan)	2.15K 1/4 W 1% (Red Brown Green Brown Brown)
3	R15,R16,R17	4.7K 1/4 W 5% (Yellow Violet Red Gold)
2	R18,R19	1K 1/4 W 5% (Brown Black Red Gold)
1	R20	150 1/4 W 5% (Brown Green Brown Gold)
1	R21	10 1/4 W 5% (Brown Black Black Gold)
1	R22	510 1/4 W 5% (Green Brown Brown Gold)
1	R23	100 1/4 W 5% (Brown Black Brown Gold)
1	R24	1.74K 1/4 W 1% (Brown Violet Yellow Brown Brown)
1	R25	750 1/4 W 1% (Violet Green Black Black Brown)
3	R26,R27,R28	249 1/4 W 1% (Red Yellow White Black Brown)
1	RN1	10K 10 Pin SIP Resistor Network
4	TB1,TB2,TB3,TB4	6 Position Terminal Block
2	TB5, TB6	2 Position Terminal Block
1	TB7	4 Position Terminal Block
4	U1,U2,U3,U4	23 Pin Driver Chip
2	U5,U6	LM317 Adjustable Voltage Regulator
1	U7	Pre-Programed PIC12C509A-04/P W/ 8Khz Clock
1		8 Pin Dip Socket for PIC12C509 (U7)
1	U8	H11L1 Opto Isolator
1	U9	TC4426EPA Mosfet Driver 8 pin DIP
4	VR1,VR2,VR3,VR4	1K 1/2 W Potentiometer
1		Manual/Auto Heat Control DPDT (6 prong)
1		Heat Control On/Off SPDT (3 prong)
2		Heat Control Momentary Contact N.O.
1		6 Pin Plug W/ 12" Leads
1		3 Pin Plug W/ 12" Leads
1		4 Pin Plug W/ 12" Leads
1		3/32 Dia X 6" Long Heat Shrink Tubing (cut into 7/16" lg)
4	J1,J2,J3,J4	1 X 2 Header Pin for Full/Half Step Mode
4		Jumper Shunts for J1,J2,J3,J4
1		Self Adhesive Label
1	RoHS Compliant lead-free solder	PCB 2 Layer with Top Silkscreen and Plated Thru Holes
1		Kit Contents List
1		Step by Step Instructions

VARIOUS STEPPER HOOKUPS

TYPE	A	a	COM	COM	b	B
HOBBYCNC	RED	BLACK	YELLOW	ORANGE	GREEN	WHITE
8 Wire <u>130, 205, 305</u>			BLUE	BROWN		
HOBBYCNC	BLUE	GREEN	RED	ORANGE	WHITE	BROWN
8 Wire <u>127, 200</u>			YELLOW	BLACK		
HOBBYCNC	BLACK	GREEN	YELLOW	WHITE	BLUE	RED
6 Wire						
Vexta PH PK	BLACK	GREEN	YELLOW	WHITE	BLUE	RED
6 Wire						
Vexta PK	BLACK	GREEN	YELLOW	WHITE	BLUE	RED
8 Wire			ORANGE	BROWN		
Vexta PH	BLACK	ORANGE	BLK/WHT	RED/WHT	YELLOW	RED
8 Wire			ORG/WHT	YEL/WHT		
Japan Servo, SKC	WHT/RED	RED	BLACK	WHITE	WHT/GRN	GREEN
Superior 6 Wire						
Superior	WHT/RED	RED	WHITE	WHT/BLK	WHT/GRN	GREEN
8 Wire			BLACK	ORANGE		
SKC	BROWN	ORANGE	BLACK	WHITE	RED	YELLOW
6 Wire						
SKC	BLACK	GREEN	BLK/WHT	RED/WHT	BLUE	RED
8 Wire			GRN/WHT	BLU/WHT		