Appendix

Pins Array

Pin	Name	Description	Pins	Name	Description
1			2		
3			4		
5			6		
7	EA2+	+5V	8	EA2-	Pause
9	EB2+	+5V	10	EB2-	Back to origin (Homing)
11	EZ2+	+5V	12	EZ2-	Emergency stop
13			14	GND5	+5V GND
15	LASER	Laser output	16		
17			18	FRQ/PWM	Laser power(for MPC03-LV)
19	PUL2-	Pulse 2-	20	PUL2+	Pulse 2+
21	DIR2-	Direction 2-	22	DIR2+	Direction 2+
23			24	DCV5	+5DCV
25			26	ORG2	Origin 2
27			28	EL2+	Forward limit 2
29			30	EL2-	Reverse limit 2
31			32	SD2+	Forward deceleration 2
33			34	SD2-	Reverse deceleration 2
35	EA3+	+5V	36	EA3-	Move downward
37	EB3+	+5V	38	EB3-	Move rightward
39	EZ3+	+5V	40	EZ3-	Move upward
41	EA4+	+5V	42	EA4-	Move along edges
43	EB4+	+5V	44	EB4-	Start/Continue
45	EZ4+	+5V	46	EZ4-	Move leftwards-
47			48		
49	PUL3-	Pulse 3-	50	PUL3+	Pulse 3+
51	DIR3-	Direction 3-	52	DIR3+	Direction 3+
53	PUL4-	Pulse 4-	54	PUL4+	Pulse 4+
55	DIR4-	Direction 4-	56	DIR4+	Direction 4+
57	DCV24	+24DCV	58	ALM	External alarm input
59	ORG3	Origin 3	60	ORG4	Origin 4

61	EL3+	Forward limit 3		62	EL4+	Forward limit 4
63	EL3-	Reverse limit 3		64	EL4-	Reverse limit 4
65	SD3+	Forward deceleration 3		66	SD4+	Forward deceleration 4
67	SD3-	Reverse deceleration 3		68	SD4-	Reverse deceleration 4

Remark1: Connect FRQ/PWM to P17 if you are using MPC03-LH, and to P18 if you are using MPC03-LV.

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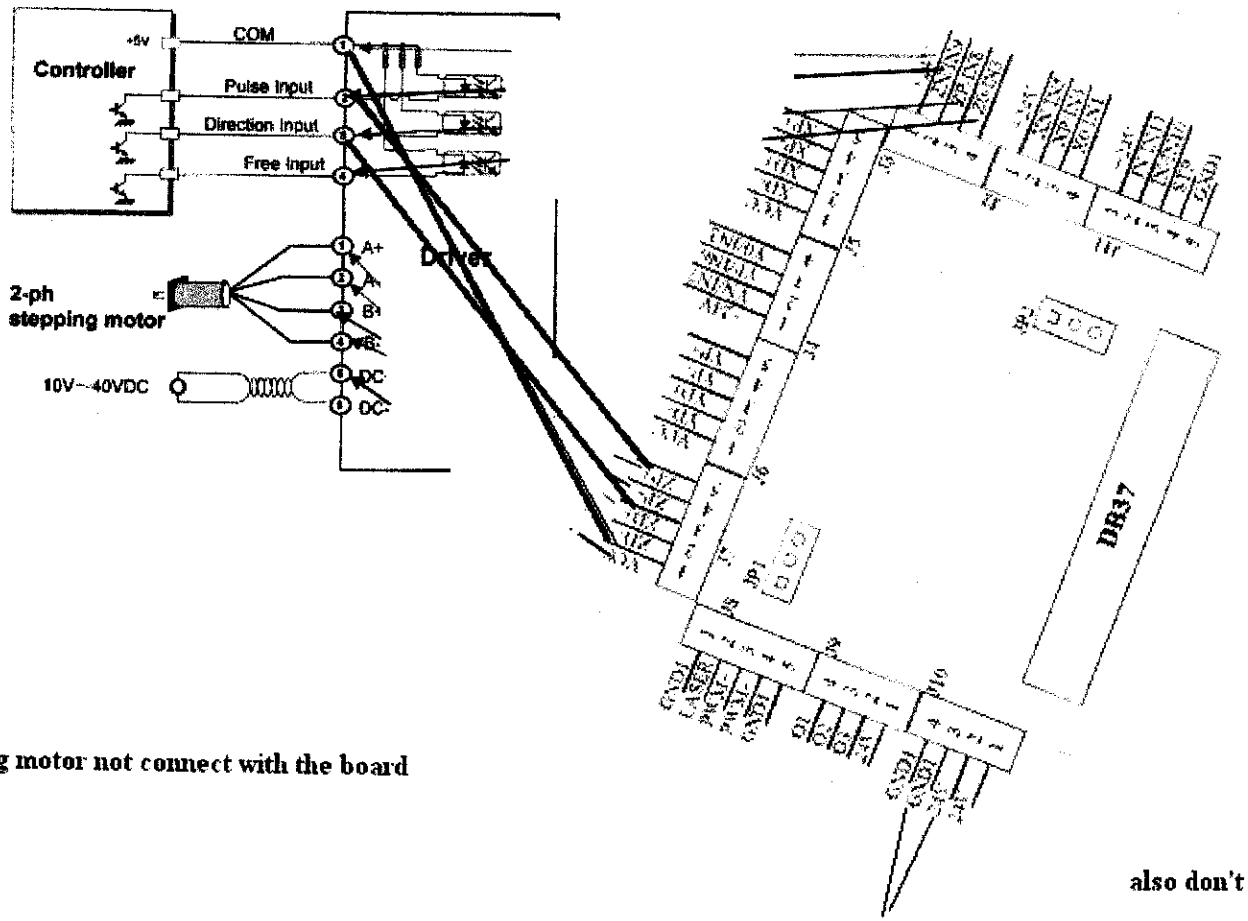

you need keep the connection of the motor and power supply, just change the connection between controler and the J7

COM--VCC
pulse input--ZP+
direction input--ZD+
A+A-B+B----stepping motor not connect with the board
DC+--24V DC
DC---GND

also don't forget that, the board need 24V power supply

24V power supply