

Two Keling Tech  
Bipolar Stepper Motors  
1.8°/Step  
4.17V  
2.8A/Phase

AMX Power Supply  
AC Input 100-120V/9A  
DC Output  
+5V/19A, +3.3V/5A,  
+12V/14A, +5V FP/1A  
-12V/1A

1 +12V  
2 GND  
3 GND  
4 +5V

**KFLOP Board**  
KFLOP JR1  
1 +12V  
2 GND  
3 GND  
4 +5V  
KFLOP JP5  
1 I036  
2 I037  
3 I038  
4 I039  
5 I040  
6 I041  
7 I042  
8 I043

**Kanalog Board**  
Kanalog JP8  
1 SW0  
2 SW1  
3 SW2  
4 SW3  
5 SW4  
6 SW5  
7 SW6  
8 SW7  
9 SW8  
10 +3.3V  
11 +3.3V  
12 +1.7V  
13 +5V  
14 +5V  
15 +5V  
16 +5V

**RJ45 Board**  
P 1 2 3 4 5 6 7 8

**Power Step PSD5042-2P**  
1.0-4.2 Amps 20-50 VDC 0-200 KHz  
+ GND  
+ V  
+ A  
- A  
+ B  
- B  
+ P  
- P  
+ I  
- I  
+ J  
- J  
+ K  
- K  
+ L  
- L  
+ M  
- M  
+ N  
- N  
+ P  
- P  
+ Q  
- Q  
+ R  
- R  
+ S  
- S  
+ T  
- T  
+ U  
- U  
+ V  
- V  
+ W  
- W  
+ X  
- X  
+ Y  
- Y  
+ Z  
- Z

**Power Step PSD5042-2P**  
1.0-4.2 Amps 20-50 VDC 0-200 KHz  
+ GND  
+ V  
+ A  
- A  
+ B  
- B  
+ P  
- P  
+ I  
- I  
+ J  
- J  
+ K  
- K  
+ L  
- L  
+ M  
- M  
+ N  
- N  
+ P  
- P  
+ Q  
- Q  
+ R  
- R  
+ S  
- S  
+ T  
- T  
+ U  
- U  
+ V  
- V  
+ W  
- W  
+ X  
- X  
+ Y  
- Y  
+ Z  
- Z

**DC Power Supply**  
+24V  
1 AC  
2 Neutral  
3 Ground  
4 V  
5 V  
6 V  
7 V  
8 V  
9 V  
10 V  
11 V  
12 V  
13 V  
14 V  
15 V  
16 V  
17 V  
18 V  
19 V  
20 V  
21 V  
22 V  
23 V  
24 V

1 A+Blu/Wht  
2 A-Red  
3 B+Grn/Wht  
4 B-Blk

1 A+Blu/Wht  
2 A-Red  
3 B+Grn/Wht  
4 B-Blk

Keling Tech KL23H286-20-8B  
Bipolar Stepping Motor  
1.8°/Step 2 Phase 2.8A/ph  
4.17 Volts 2.2 ft lbs torque  
Nema 23

Keling Tech KL23H286-20-8B  
Bipolar Stepping Motor  
1.8°/Step 2 Phase 2.8A/ph  
4.17 Volts 2.2 ft lbs torque  
Nema 23

