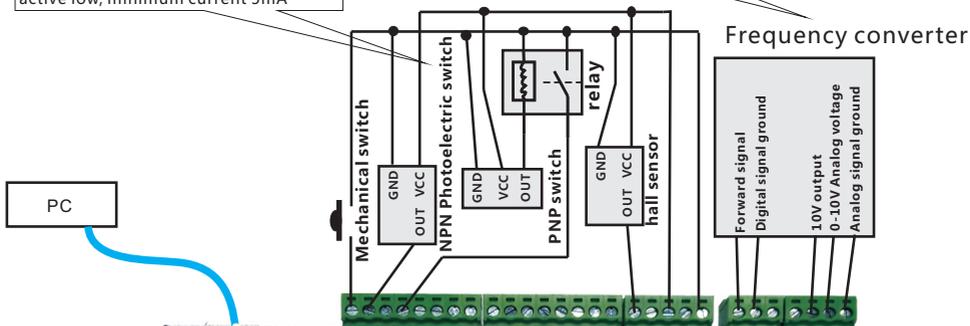


Mach3 motion card wiring diagram

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The input port can be connected to a mechanical switch or a photoelectric switch NPN type (connected to the PNP type photoelectric switch needs to be connected to a relay), the input signal is active low, minimum current 5mA

Frequency converter:
0-10V Analog voltage speed regulation
PWM 5V speed regulation



USB

Working LED
24V Power LED

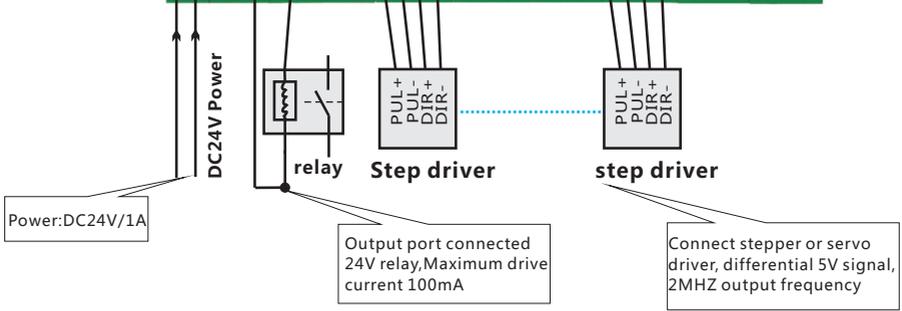
In0(X-Home)	In1(Y-Home)	In2(Z-Home)	In3(A-Home)	In4(Probe)	In5(Estop)	In6(X++)	In7(X--)	In8(Y+-)	In9(Y--)	In10(Z+-)	In11(Z--)	In12(A+-)	In13(A--)	In14	In15	Speed DFC	24V	24V	0V	0V	Out-1(Fwd)	0V	0V	PWM	10V-in	AVI	ACMI
InPut-I/O: In0-In7 输入端口0到7																24V-Power-Out 24V电源输出				Spindle Control 主轴控制端口							

产品名称: Mach3 USB控制卡
产品型号: MK4-V
适合系统: Mach3系统
硬件程序版本:
QC:01 2016-9-13

WAX-HC

USB MOTION CARD

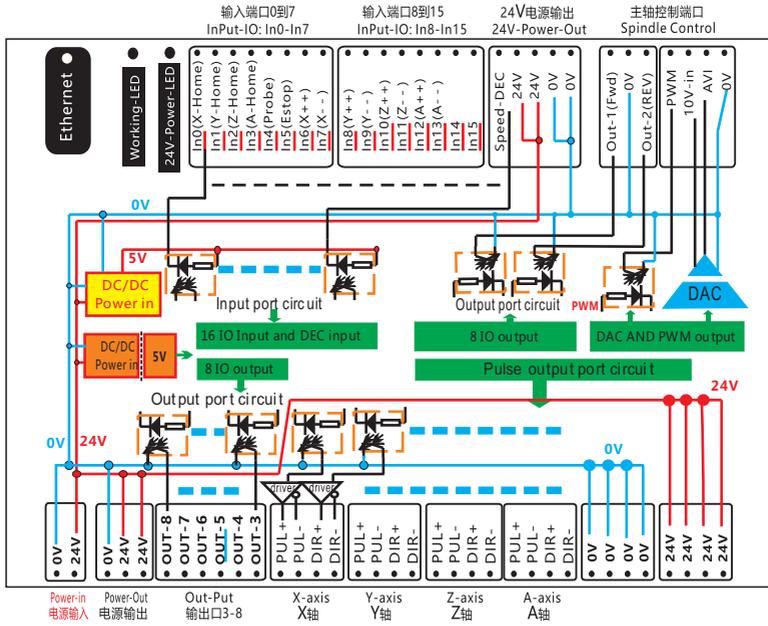
电源输入 Power-in	电源输出 Power-Out	输出3-8 Out-Put	X轴 X-axis	Y轴 Y-axis	Z轴 Z-axis	A轴 A-axis	电源0V	电源24V
0V 24V	0V 24V	OUT-8 OUT-7 OUT-6 OUT-5 OUT-4 OUT-3	PUL+ PUL- DIR+ DIR-	PUL+ PUL- DIR+ DIR-	PUL+ PUL- DIR+ DIR-	PUL+ PUL- DIR+ DIR-	0V 0V 0V	24V 24V 24V



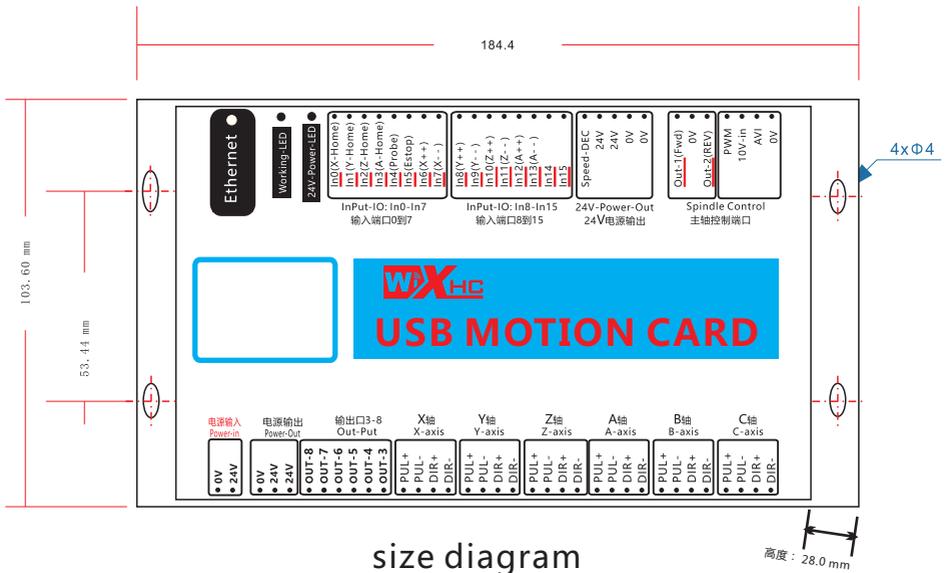
Power:DC24V/1A

Output port connected 24V relay,Maximum drive current 100mA

Connect stepper or servo driver, differential 5V signal, 2MHZ output frequency



schematic diagram

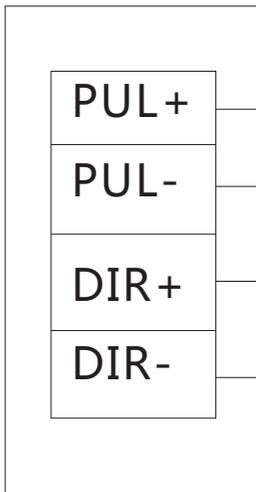


size diagram

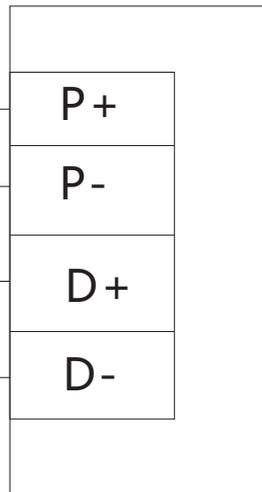
USB motion control card and driver wiring diagram

<—> Step driver wiring diagram

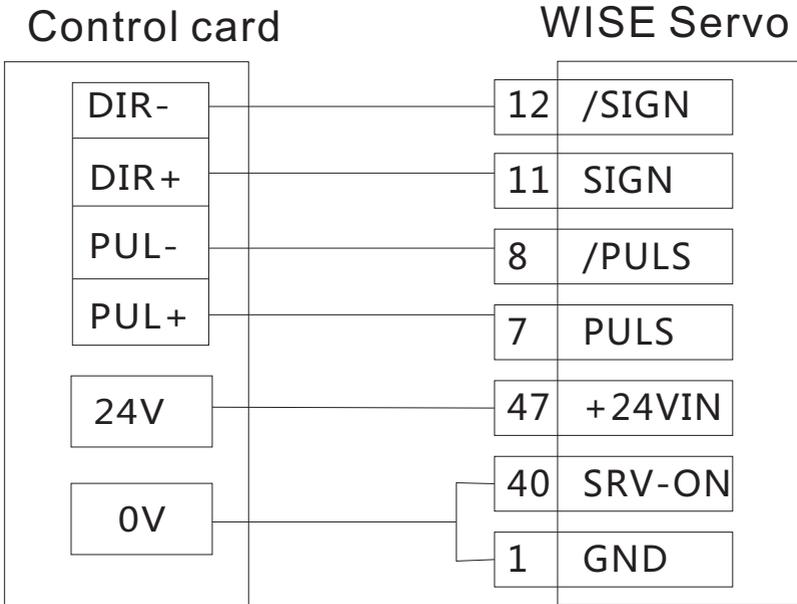
Control card



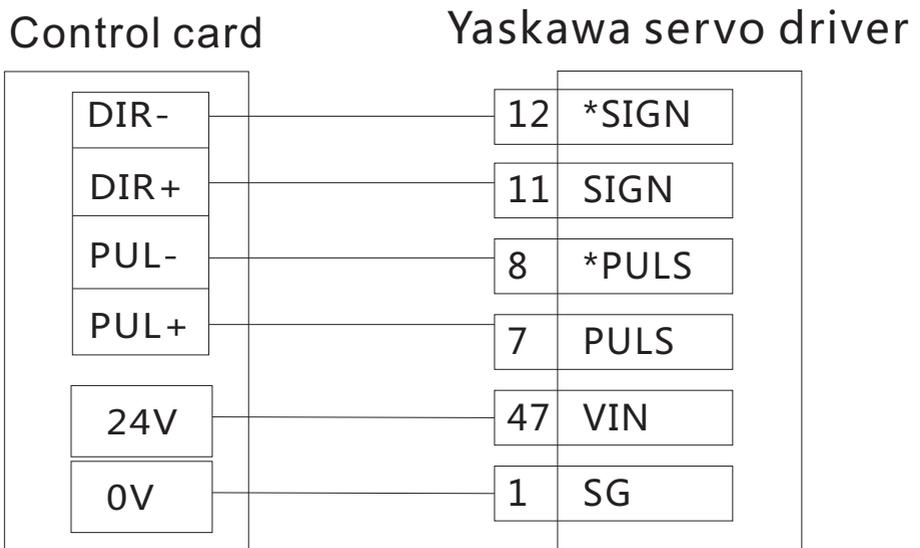
Step driver



<≡> WISE Servo driver



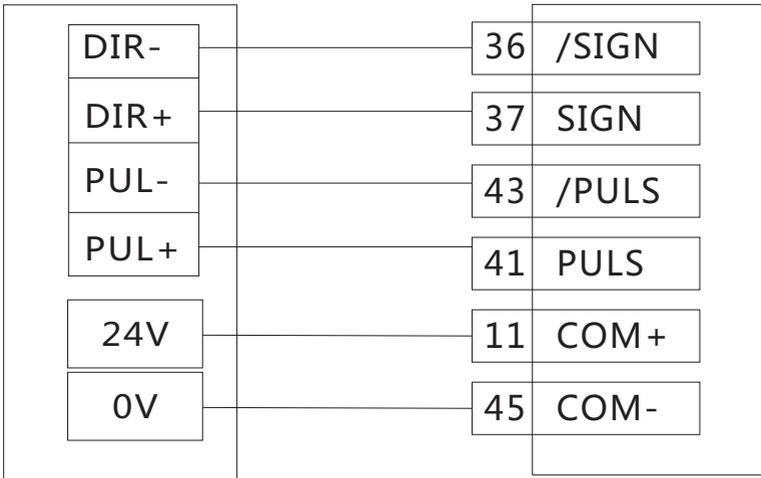
<≡≡> Yaskawa servo driver



<四> ASDA servo driver

Control card

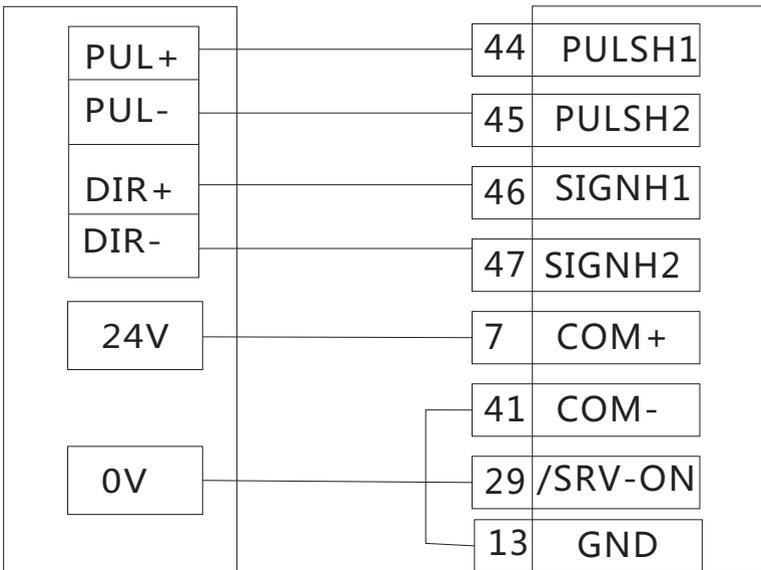
ASDA-A servo driver



<五> Panasonic MINAS A4 servo driver

Control card

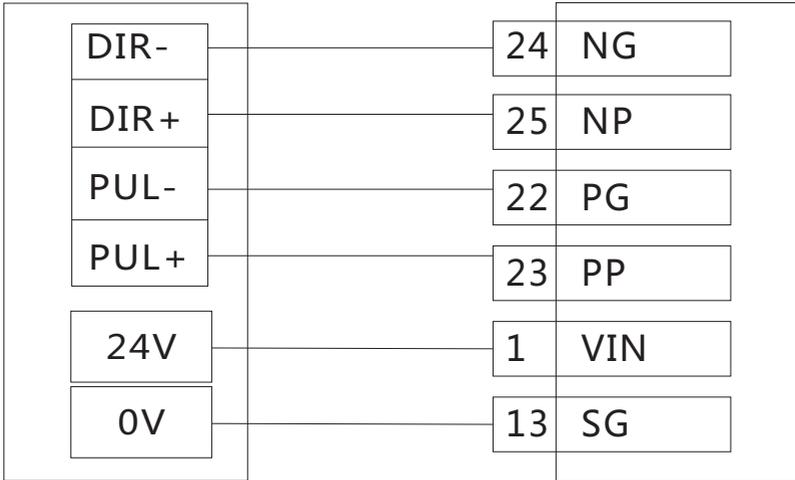
MINAS A4 servo driver



<六> Mitsubishi MR-E servo driver

Control card

Mitsubishi servo driver



<七> Fuji FALDIC servo driver

Control card

Fuji servo driver

