

Machine information

Axis	Drive Type	Step Time ns	Step Space ns	Dir Hold ns	Dir Setup ns
X	TB6560	150000	150000	150000	150000
Y	TB6560	150000	150000	150000	150000
Z	TB6560	150000	150000	150000	150000
A	TB6560				

Steps on falling edge

Pin Out Info

Output Pin	Typ. Function	Mill 1 Settings If Different	Invert	Input Pin	Mill 1 Settings Typ. Function	Mill 1 Settings If Different	Invert
1	E-Stop Out	All X Y Z Axis Enable Input		10	X Limit/ Home	Z Axis Limit/Home	
2	X Step	X Axis Pulse Input		11	Y limit/ Home	Y Axis Limit/Home	
3	X Direction	X Axis Direction Input	Yes	12	Z Limit/ Home	X Axis Limit/Home	
4	Y Step	Y Axis Pulse Input		13	A Limit/Home	E Stop	
5	Y Direction	Y Axis Direction Input	Yes	15	Probe In	Probe In	
6	Z Step	Z Axis Pulse Input					
7	Z Direction	Z Axis Direction Input	Yes	19		Ground	
8	A Step	N/A		20		Ground	
9	A Direction	N/A		21		Ground	
14	Spindle CW	Relay signal Input		22		Ground	
16	Spindle PWM	Unused		23		Ground	
17	Amplifyer enable	Unused		24		Ground	
18		Ground		25		Ground	

Mechanical Information

Axis	Steps/Rev.	Micro Steps	Motor Teeth	Leadscrew Teeth	Leadscrew Pitch mm	Steps/mm
X	200	8	1	1	5	320
Y	200	8	1	1	5	320
Z	200	8	1	1	5	320
					1	

Machine Area		mm
	X Axis	820
	Y Axis	490
	Z Axis	125