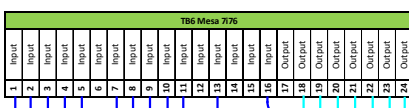
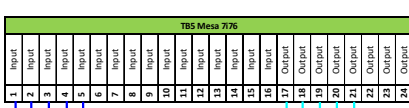
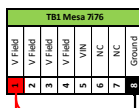
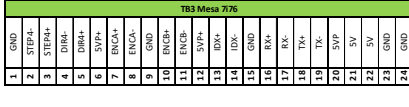
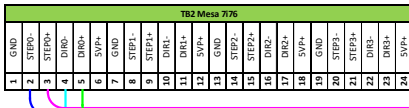
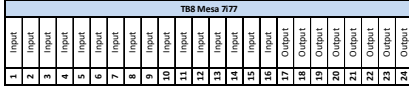
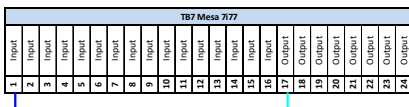
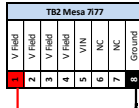
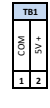
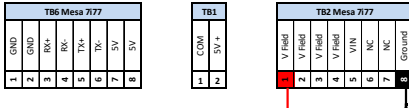
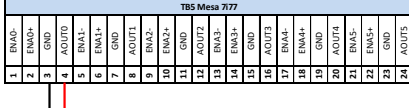
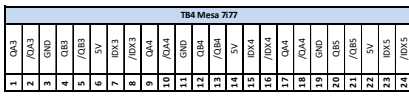
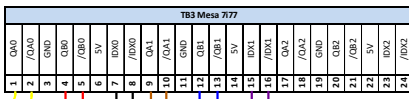


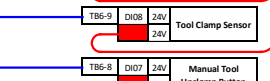
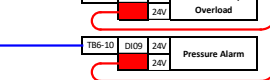
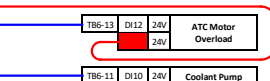
Spindle Servo Drive CN3		
Function	Name	Pin
A Phase Encoder Feedback Output	OA+	9 TB3-1
	OA-	18 TB3-2
	OB+	17 TB3-4
B Phase Encoder Feedback Output	OB-	8 TB3-5
	OZ+	7 TB3-7
Z Phase Encoder Feedback Output	OZ-	15 TB3-8
	OV	25
	SV	26
	Shield GND	F 27

Spindle Servo Drive CN1 all to 7/77		
Function	Name	Pin
Alarm Ready Relay Output	E	1
C Axis Ready Relay Output	MIC	2
Relay Output	MIB	3
Speed in Position Digital Output	O3P	4
Zero Stop in Position Digital Output	O2N	5
Servo Ready Output Digital Output	O0N	6
Digital Input Correct Stop	I2	7 TB7-17
Digital Input Rigid Tapping	I3	8
Digital Input Position Mode	I4	9
Digital Input Scram/Zero Speed	I5	10
Digital Input Swing	I6	11
Connect +24v = NPN or COM = PNP	SEL	12 TB2-8-7
Analog +/- 10v Input	A0	14 TB5-4-7
Analog 0-10V Input	A1	15
Alarm Relay Output	Er	16
Alarm Relay Output	E	17
Relay Output	M1A	18
Speed in Position	O3N	20
Correct Stop in Position	O1N	21
Digital Input CW	I0	22
Digital Input CCW	I1	23
Digital Input Jog	I8	24
Digital Input 2nd Correct Stop	I9	25
Digital Input Fault Reset	I7	26
Analog Ground	GND	29 TB5-7
12v Analog Power	12V	30
Correct Stop in Position Relay Output	MOC	31 TB2-1-7
Relay Output	M0A	32
Relay Output	M0B	33 TB7-17
Zero Stop in Position Digital Output	O2P	34
Correct Stop in Postn Digital Output	O1P	35
Servo Ready Digital Output	O0P	36
From 24v power supply	2	37 TB2-1-7
From 24v power supply	COM	40 TB2-8-7
Shield Gnd	E	45



Pin	Name	Function
TB3-2	1 APULSE+	Reference pulse input
TB3-3	2 APULSE-	Reference pulse input
TB2-4	3 ASIGN+	Reference signal input
TB2-5	4 ASIGN-	Reference signal input
5	AV-REF	Speed reference input
6	GND	Signal Ground
TB1-7	7 OUT1+	Output 1, can reallocate (Factory setting: ALM)
TB5-16	8 OUT1-	Output 1, can reallocate (Factory setting: /COIN)
9	OUT2+	Output 2, can reallocate (Factory setting: /CGON)
10	OUT2-	Output 2, can reallocate (Factory setting: /CGON)
11	OUT3+	Output 3, can reallocate (Factory setting: /TGOIN)
12	OUT3-	Output 3, can reallocate (Factory setting: /TGOIN)
Field	13 DICOM	Common port of input signal
TB5-21	14 IN1	Input 1, can reallocate (Factory setting: /S-CM)
15	IN2	Input 2, can reallocate (Factory setting: /P-COM)
16	IN3	Input 3, can reallocate (Factory setting: /POT)
17	IN4	Input 4, can reallocate (Factory setting: /NOT)
18	AT-REF	Torque reference input
TB3-9	19 APAC+	Phase A of PG frequency dividing output
TB3-10	20 APAC-	Phase A of PG frequency dividing output
TB3-12	21 APBC+	Phase B of PG frequency dividing output
TB3-13	22 APBC-	Phase B of PG frequency dividing output
TB3-15	23 APCC+	Phase C of PG frequency dividing output
TB3-16	24 APCC-	Phase C of PG frequency dividing output
25	GND	Signal Ground

SV Power to 7/52m, 7/52m will power 7/76 & 7/77



X Axis SN04-P2 Home Sw		
PNP-NC	24v+	X-BK TB5-1
Com	0v	X-BL
24v	24v	X-GR

Y Axis SN04-P2 Home Sw		
PNP-NC	24v+	Y-BK TB5-2
Com	0v	Y-BL
24v	24v	Y-GR

Z Axis SN04-P2 Home Sw		
PNP-NC	24v+	Z-BK TB5-3
Com	0v	Z-BL
24v	24v	Z-GR

Touch Probe		
24v	TP-1	TB5-4
24v	24v	TP-2

Tool Setter		
24v	TS-1	TB5-5
24v	24v	TS-2

E-Stop		
24v	ES-1	TB6-1
24v	24v	ES-2

24v Relay Power Supply		
L	24v+	V+
N	0v	V-
E	24v+ <th>24v+</th>	24v+
	0v	0v

