Segments ME	TH0		451	
ME	TH0		151	
ME	TH0		4.51	
			ABL	
5 6	7	8	9	10
E1_A E1_B	AS	VIN	SRV	AS
E2_A E2_B	AS_GND	GND	AS_GND	Unused
15 16	17	18	19	20
	E2_A E2_B	E2_A E2_B AS_GND	E2_A E2_B AS_GND GND	E2_A E2_B AS_GND GND AS_GND

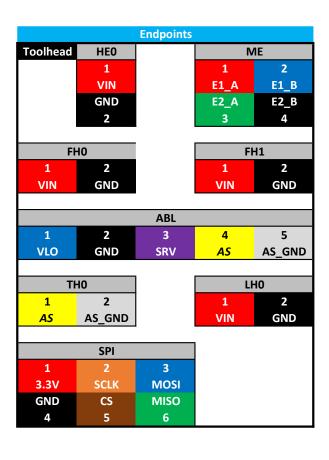
SPI	SPI	1.7

Component
Pin Number
Pin Name
Pin Name
Pin Number

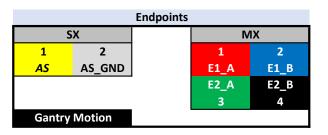
SPI					
1	2	3			
3.3V	SCLK	MOSI			
GND	CS	MISO			
4	5	6			

					Other	Connectors				
Connector	Cable ID	Len(m)			Othic			nents		
Gantry Motion	2	1.35m	1.5m	1.5	5m					
Component			SX	N	IX					
Pin Number			1	2	3					
Pin Name			AS	E1_A	E1_B					
Pin Name			AS_GND	E2_A	E2_B					
Pin Number			4	5	6					
						•				
Other	3	0.5m	0.6m	1.5m		1.2m		0.9m		1.2m
Component			ТВ	SY	SZ	М	Υ	N	1Z	LC0
Pin Number			1	2	3	4	5	6	7	8
Pin Name			AS	AS	AS	E1_A	E1_B	E1_A	E1_B	VIN
Pin Name			AS_GND	AS_GND	AS_GND	E2_A	E2_B	E2_A	E2_B	GND
Pin Number			9	10	11	12	13	14	15	16
						•				
Chamber	4	0.5m	0.9m	1.2m						
Component			TC	FC0	FC1	(Unused)				
Pin Number			1	2	3	4				
Pin Name			AS	VIN	VIN	-				
Pin Name			AS_GND	GND	GND	-				
Pin Number			5	6	7	8				

	Pin I	Mapping		
Segment	Pin Name	In ID	In Pin	Out Pin
HE0	VIN	1	1	1
	GND	1	11	2
LH0	VIN	1	2	1
	GND	1	12	2
FH0	VIN	1	3	1
	GND	1	13	2
FH1	VIN	1	4	1
	GND	1	14	2
ME	E1_A	1	5	1
	E1_B	1	6	2
	E2_A	1	15	3
	E2_B	1	16	4
TH0	AS	1	7	1
	AS_GND	1	17	2
ABL	VIN	1	8	1
	GND	1	18	2
	SRV	1	9	3
	AS	1	10	4
	AS_GND	1	19	5
SPI	3.3V	SPI	1	1
	GND	SPI	4	4
	SCLK	SPI	2	2
	CS	SPI	5	5
	MOSI	SPI	3	3
	MISO	SPI	6	6



	Pin Mapping					
Segment	Pin Name	In ID	In Pin	Out Pin		
SX	AS	2	1	1		
	AS_GND	2	4	2		
MX	E1_A	2	2	1		
	E1_B	2	3	2		
	E2_A	2	5	3		
	E2_B	2	6	4		
ТВ	AS	3	1	1		
	AS_GND	3	9	2		
SY	AS	3	2	1		
	AS_GND	3	10	2		
SZ	AS	3	3	1		
	AS_GND	3	11	2		
MY	E1_A	3	4	1		
	E1_B	3	5	2		
	E2_A	3	12	3		
	E2_B	3	13	4		
MZ	E1_A	3	6	1		
	E1_B	3	7	2		
	E2_A	3	14	3		
	E2_B	3	15	4		
LC0	VIN	3	8	1		
	GND	3	16	2		
TC	AS	4	1	1		
	AS_GND	4	5	2		
FC0	VIN	4	2	1		
	GND	4	6	2		
FC1	VIN	4	3	1		
	GND	4	7	2		
(Unused)	-	4	4	-		
	-	4	8	-		



S	Υ	M	ΙΥ	
1	2	1	2	
AS	AS_GND	E1_A	E1_B	
		E2_A	E2_B	
		3	4	
S	SZ .			
1	2	MZ		
AS	AS_GND	1	2	
		E1_A	E1_B	
		E2_A	E2_B	
Rear I	Motion	3	4	

Other Connectors					
ТВ					
1	2				
AS	AS AS_GND				
LC0					
1	2				
<u>VIN</u>	GND				

Cha	Chamber					
7	rc					
1	2					
AS	AS_GND					
F	FC0					
1	2					
<u>VIN</u>	GND					
F	C1					
1 2						