

COMPUTER

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PLOT CONTROL INPUTS

KEYPAD
GRAYHILL 96AB2

POWER SUPPLY

MOTOR

PAPER SENSOR

TAKE UP

ANALOG INPUTS

CHANS

ADC

- 210
- 111 1 channel
- 110 2 channels
- 101 3 channels
- 100 4 channels
- 011 5 channels
- 010 6 channels
- 001 7 channels
- 000 8 channels

Toggles on each ADC conversion cycle

RUN
0 Run
1 Idle

SPEED

GAIN

- 210
- 111 5 mm/sec
- 110 10 mm/sec
- 101 15 mm/sec
- 100 20 mm/sec
- 011 25 mm/sec
- 010 30 mm/sec
- 001 40 mm/sec
- 000 50 mm/sec

- 210 Full scale
- 111 5.0V
- 110 2.5V
- 101 1.25V
- 100 0.63V
- 011 0.32V
- 010 10.0V (saturates)

Signal levels:
0 = Ground
1 = Open (on-board pullup)


KEYPAD FUNCTIONS:

- 0 Bump font
- 1 X Test pattern
- 2 Y Test pattern
- 3 Toggle enhanced
- 4 Toggle Y invert
- 5 Toggle X invert
- 6 Bump size
- 7 Logo
- 8 Toggle compatability mode
- 9 Toggle HEX dump
- * Toggle contrast
- # Spare

KEYPAD:

P5	7	8	9	10
3	'1'	'2'	'3'	'a'
4	'4'	'5'	'6'	'b'
5	'7'	'8'	'9'	'c'
6	'*'	'0'	'#'	'd'

Note: connector part numbers shown reflect mating connectors.
Molex terminal part number is: 16-02-0102

DRAWN BY	DATE	 Instruments
Suchter		
APPROVED BY		
Wednesday, Sept 5th, 2007		
NUMBER	01133200	REV F
TITLE High Speed Printer Cabling		SHEET 1 OF 1