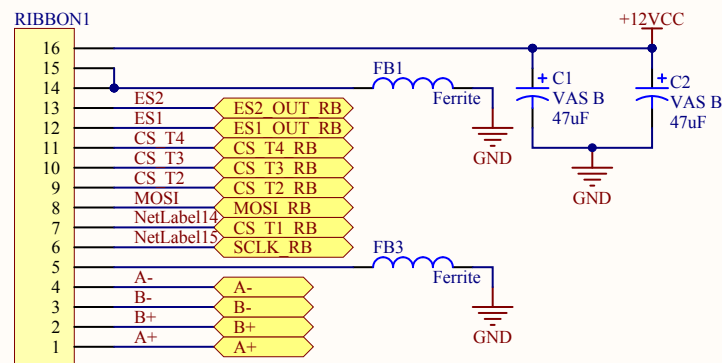
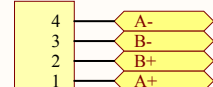


A

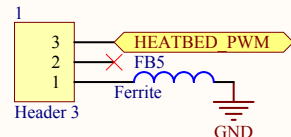


Header 16H

MOTOR1

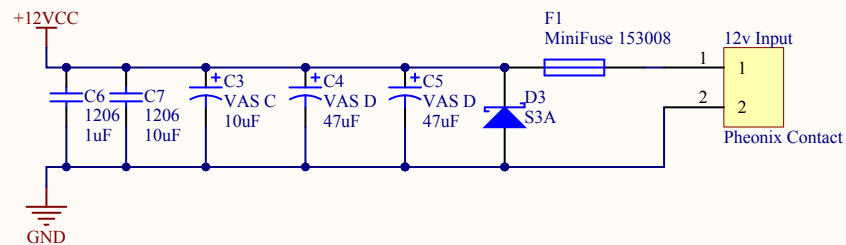
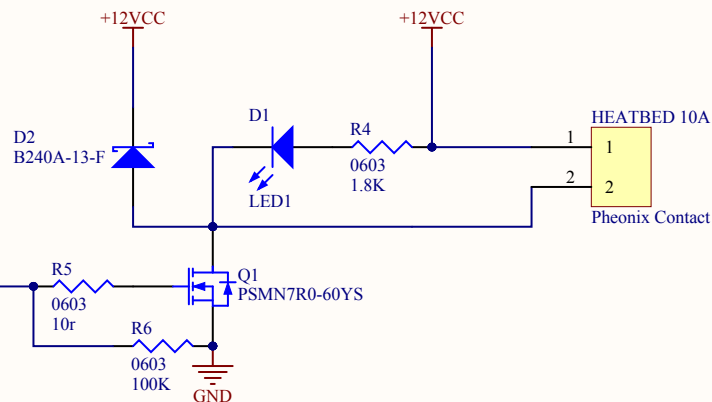
Header 4

NOTE: This connects to one of the Servo Ports on the RAMPS Shield



Header 3

NOTE: PCB Traces must accomodate 10A

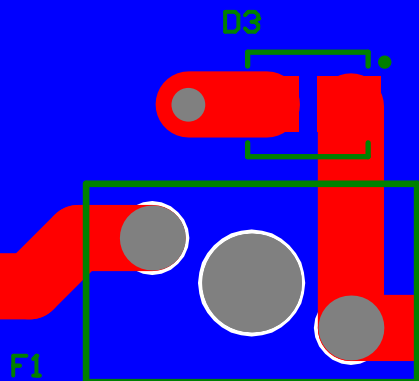
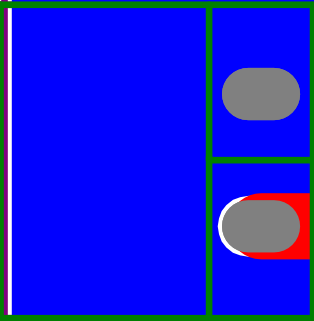


Title		
Size	Number	Revision
A		
Date:	2/18/2014	Sheet of
File:	C:\Users\...\Ribbon Breakout.SchDoc	Drawn By:

D

D

12v Input



C5

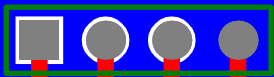
C4

C3

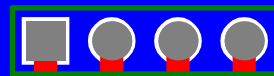
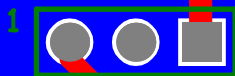
C7

C6

Status_LED1



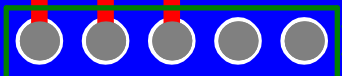
FB5



MOTOR1

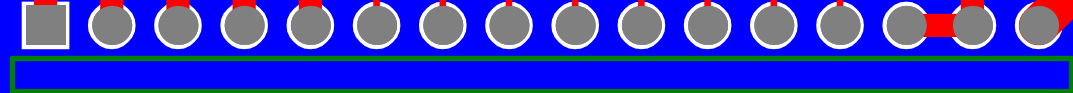


AUX-1



AUX-2

RIIBBON1



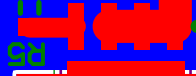
FB3

FB1

FB4

C2

C1



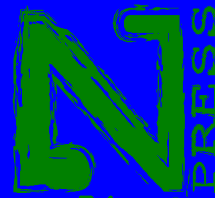
9

10

D2

HEATED 10A

Cavro Ribbon
Breakout v0.1b
Designed By
Adam Vadala Roth
www.ZPress3D.com



Bill of Materials

<Parameter Title not found>

Source Data From: Cavro Ribbon Interface Breakout.PrjPCB
Project: Cavro Ribbon Interface Breakout.PrjPCB
Variant: None

Creation Date: 2/18/2014 10:27:10 PM
Print Date: 41688 41688.93557

Footprint	Comment	LibRef	Designator	Description	Quantity
HDR1X3	Header 3	Header 3	1	Header, 3-Pin	1
con-phoenix-508	Phoenix Contact	Phoenix Contact	12v Input, HEATBED 10A		2
HDR2X4	Header 4X2	Header 4X2	AUX-1	Header, 4-Pin, Dual row	1
HDR2X5	Header 5X2	Header 5X2	AUX-2	Header, 5-Pin, Dual row	1
Panasonic VS B	VAS B	Cap Pol1	C1, C2	Polarized Capacitor (Radial)	2
Panasonic VS C	VAS C	Cap Pol1	C3	Polarized Capacitor (Radial)	1
Panasonic VS D	VAS D	Cap Pol1	C4, C5	Polarized Capacitor (Radial)	2
C1206	1206	Cap Semi	C6, C7	Capacitor (Semiconductor SIM Model)	2
SM 0805 polarized	LED1	LED1	D1	Typical RED GaAs LED	1
B240A-13-F	B240A-13-F	D Schottky	D2	Schottky Diode	1
S3A-Schottky	S3A	D Schottky	D3	Schottky Diode	1
TinyFuseATO_Carrier	MiniFuse 153008	Fuse 1	F1	Fuse	1
SM 0805 - gap trimmed	Ferrite	Inductor	FB1, FB2, FB3, FB4, FB5	Inductor	5
HDR1X4	Header 4	Header 4	MOTOR1, Status_LED1	Header, 4-Pin	2
PSMN7R0-60YS	PSMN7R0-60YS	PSMN7R0-60YS	Q1	N-Channel MOSFET	1
SM 0805 - gap trimmed	0805	Res3	R1, R2, R3	Resistor	3
J1-0603	0603	Res3	R4, R5, R6	Resistor	3
HDR1X16H	Header 16H	Header 16H	RIBBON1	Header, 16-Pin, Right Angle	1
					31

Approved	Notes