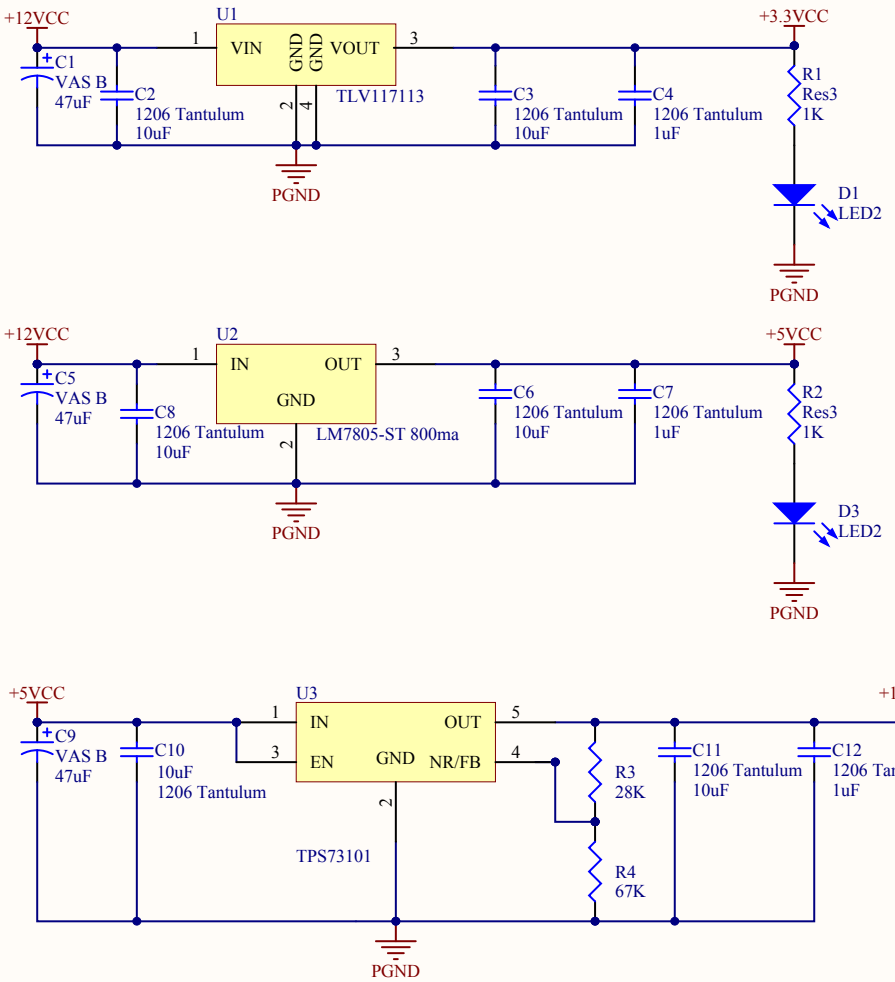

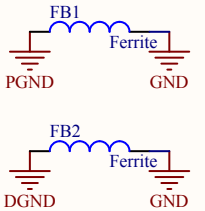

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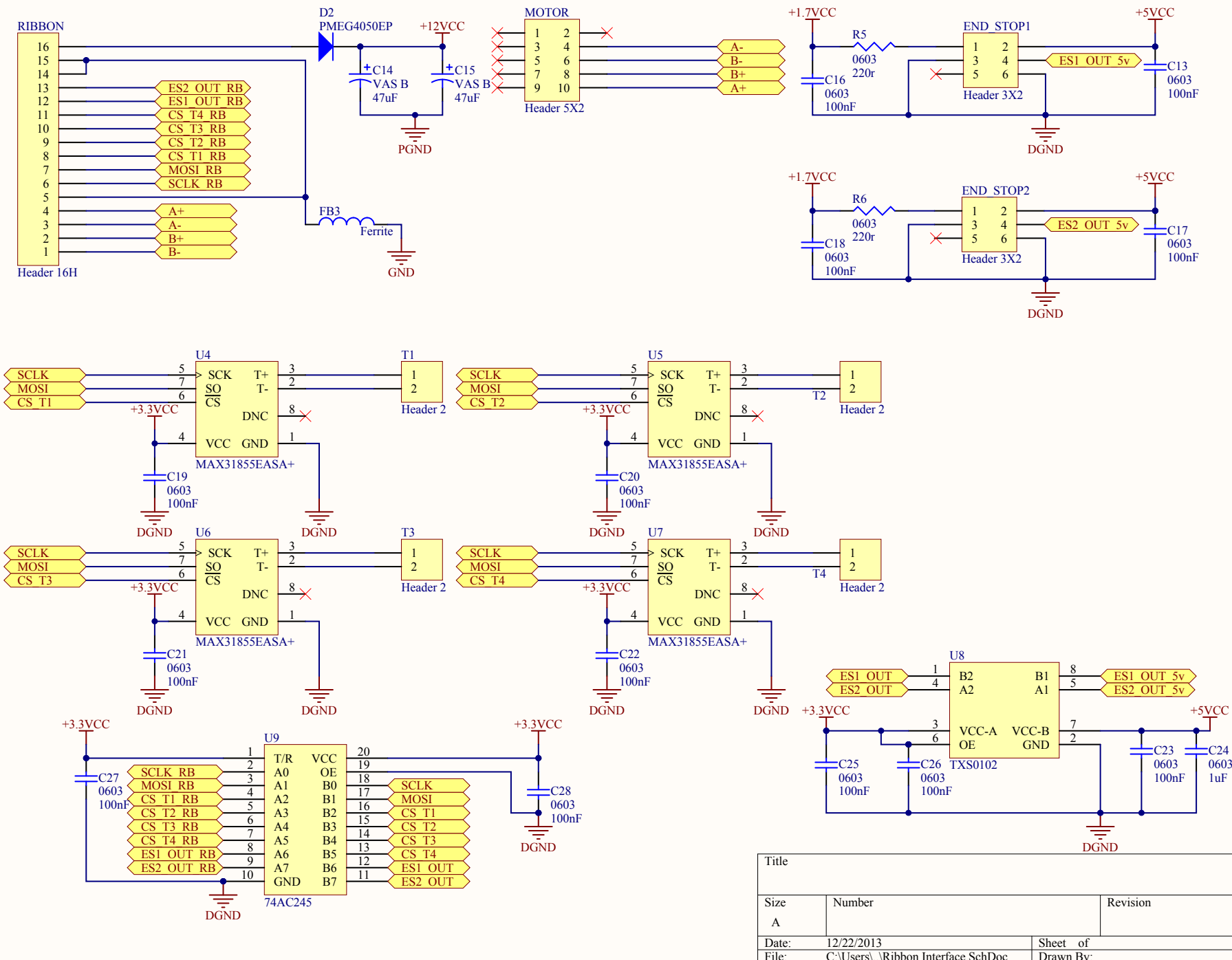
RIBBON
Header 16H
ES2_OUT_RB
ES1_OUT_RB
CS_T4_RB
CS_T3_RB
CS_T2_RB
CS_T1_RB
MOSI_RB
SCLK_RB
A+
A-
B+
B-
D2
PMEG4050EP
+12VCC
C14
VAS B
47uF
C15
VAS B
47uF
PGND
FB3
Ferrite
GND
MOTOR
Header 5X2
A-
B-
B+
A+
+1.7VCC
R5
0603
220r
C16
0603
100nF
END_STOP1
Header 3X2
ES1_OUT_5v
+5VCC
C13
0603
100nF
DGND
+1.7VCC
R6
0603
220r
C18
0603
100nF
END_STOP2
Header 3X2
ES2_OUT_5v
+5VCC
C17
0603
100nF
DGND
U4
SCLK
MOSI
CS_T1
SCK
SO
CS
T+
T-
DNC
VCC
GND
MAX31855EASA+
+3.3VCC
C19
0603
100nF
T1
Header 2
DGND
U5
SCLK
MOSI
CS_T2
MAX31855EASA+
C20
0603
100nF
T2
Header 2
U6
SCLK
MOSI
CS_T3
MAX31855EASA+
C21
0603
100nF
T3
Header 2
U7
SCLK
MOSI
CS_T4
MAX31855EASA+
C22
0603
100nF
T4
Header 2
U8
ES1_OUT
ES2_OUT
B2
A2
B1
A1
VCC-A
OE
VCC-B
GND
TXS0102
ES1_OUT_5v
ES2_OUT_5v
C25
0603
100nF
C26
0603
100nF
C23
0603
100nF
C24
0603
1uF
U9
T/R
A0
A1
A2
A3
A4
A5
A6
A7
GND
VCC
OE
B0
B1
B2
B3
B4
B5
B6
B7
74AC245
SCLK_RB
MOSI_RB
CS_T1_RB
CS_T2_RB
CS_T3_RB
CS_T4_RB
ES1_OUT_RB
ES2_OUT_RB
SCLK
MOSI
CS_T1
CS_T2
CS_T3
CS_T4
ES1_OUT
ES2_OUT
C27
0603
100nF
C28
0603
100nF
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Date:
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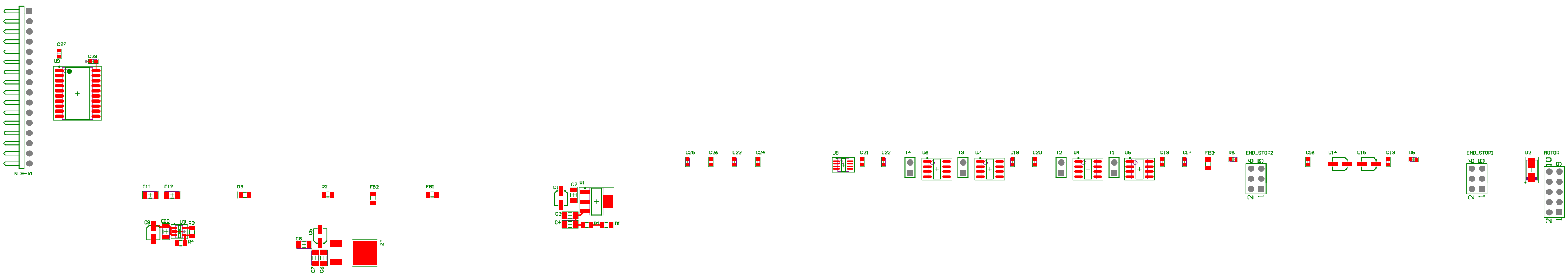
C27
C28
U9
C11
C12
D3
R2
FB2
FB1
C1
C2
U1
C3
C4
D1
C9
C10
U3
R3
R4
C8
C5
C7
C6
U2
C25
C26
C23
C24
U8
C21
C22
T4
U6
T3
U7
C19
C20
T2
U4
T1
U5
C18
C17
FB3
R6
END_STOP2
C16
C14
C15
C13
R5
END_STOP1
D2
MOTOR

Bill of Materials

<Parameter Title not found>

Source Data From: Cavro Ribbon Interface.PrjPcb

Project: Cavro Ribbon Interface.PrjPcb

Variant: None

Creation Date: 12/22/2013 11:39:57 PM

Print Date: 41630 41630.98612

Footprint	Comment	LibRef	Designator	Description	Quantity
Panasonic VS B	VAS B	Cap Pol1	C1, C5, C9, C14, C15	Polarized Capacitor (Radial)	5
C1206	1206 Tantulum	Cap Semi	C2, C3, C4, C6, C7, C8, C10, C11, C12	Capacitor (Semiconductor SIM Model)	9
1608[0603]	0603	Cap Semi	C13, C16, C17, C18, C19, C20, C21, C22, C23, C24, C25, C26, C27, C28	Capacitor (Semiconductor SIM Model)	14
SM 0805 polarized	LED2	LED2	D1, D3	Typical RED, GREEN, YELLOW, AMBER GaAs LED	2
PMEG4050EP	PMEG4050EP	Diode	D2	Default Diode	1
HDR2X3	Header 3X2	Header 3X2	END_STOP1, END_STOP2	Header, 3-Pin, Dual row	2
SM 0805 - gap trimmed	Ferrite	Inductor	FB1, FB2, FB3	Inductor	3
HDR2X5	Header 5X2	Header 5X2	MOTOR	Header, 5-Pin, Dual row	1
SM 0805 - gap trimmed	Res3	Res3	R1, R2, R3, R4	Resistor	4
J1-0603	0603	Res3	R5, R6	Resistor	2
HDR1X16H	Header 16H	Header 16H	RIBBON	Header, 16-Pin, Right Angle	1
HDR1X2	Header 2	Header 2	T1, T2, T3, T4	Header, 2-Pin	4
TLV117112	TLV117113	TLV117112	U1	Linear Regulator	1
DPAK-3	LM7805-ST 800ma	LM708-ST 800ma	U2		1
TPS73101	TPS73101	TPS73101	U3	Ti TPS73101 Adjustable LDO	1
MAXM-S8+4_N	MAX31855EASA+	MAX31855EASA+	U4, U5, U6, U7	Cold Junction Compensated Thermocouple to Digital Converter, 14 Bits Temperature Resolution, -40 to 125 degC, 8-Pin SOIC (S8+4), Pb-Free	4
TXS0102	TXS0102	TXS0102	U8	TXS0102	1
74AC245	74AC245	74AC245	U9		1
					57

Approved	Notes	