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Project: Variant:		ZMBo.PrjPcb None		•	
Print Date:	6/9/2014 41799	8:26:00 PM 41799:85154	=		
Tootprint	Comment	LibRef	Designator	Description	Quantity
1608(0603)	beas	Cap Semi	C1, EndstopChannel1, C1, EndstopChannel2, C1, EndstopChannel3, C2, EndstopChannel1, C2, EndstopChannel2,	Capacitor (Semiconductor SIM Model)	
			C33, C36, C37, C38, C39, C40, C41, C42, C43, C44, C45, C46, C47, C48, C49, C50, C51, C52, C53, C54, C55, C56, C57, C58,		
Panasonic VS D C1206	VAS D	Cap Pol1	C3, C4, C12, C13, C16, C17	Polarized Capacitor (Radial) Capacitor (Remirrorsharter SIM Model)	
necejoecoj	1206 Cap Semi	Cap Semi Cap Semi	C5, C6, C14, C15, C16, C19 C7, C11, C30_ThermistorChannel1, C30_ThermistorChannel2, C31_ThermocoupleChannel1, C31_ThermocoupleChannel2, C80, C81, can_Con_	Capacitor (Semiconductor SIM Model) Capacitor (Semiconductor SIM Model)	
C1286 Planasonic VS C	Cap Semi VS C	Cap Semi Cap Semi, Cap Semi, Cap Semi, Cap Polt, Cap Polt, Cap Polt, Cap Polt, Cap Polt, Cap Polt, Cap Polt, Cap Polt, Cap Polt, Cap Polt, Cap Polt Cap Polt		Capacitor (Semiconductor SIM Model) Capacitor (Semiconductor SIM Model)	
		Semi, Cap Semi, Cap Pol1,	CB, C10 CB, C23, CB, CS4, C35, CB) DiverChameIDR/88251, CB) DiverChameIDR/88252, CB) DiverChameIDR/88253, CB) DiverChameIDR/88253, CB) DiverChameIDR/88254,	Capacitor (Semiconductor SIM Model) Capacitor (Semiconductor SIM Model), Capacitor (Semiconductor SIM Model), Capacitor (Semiconductor SIM Model), Polarizad Capacitor (Padel), Polarizad Capacitor (Padel), Polarizad Capacitor (Radel), Polarizad Capacitor (Radel), Polarizad Capacitor (Rad	
		Pol1, Cap Pol1, Cap Pol1, Cap	OS9_DriverChannelDRV88254, OS9_DriverChannelDRV88255,	Capacitor (Radial), Polarized Capacitor (Radial), Polarized Capacitor (Radial),	
		Pol1, Cap Pol1, Cap Pol1, Cap But Cap But	CS9_DiverChannelDRV88255, C70_DiverChannelDRV88251, C70_DiverChannelDRV88252, C70_DiverChannelDRV88252,	Polarized Capacitor (Rad	
		Cap Pol1, Cap	C70_DiverChannelDRV88253, C70_DiverChann		
C1206 FTSH-105-XX KOV	1206 Tantulum ARM Cortex JTAG-DEBUG	Pol1 Cap Semi ARM Cortex JTAG-DEBUG Header	C20, C21, C22, C25, C26, C27 CP_JTAG	Capacitor (Semiconductor SIM Model)	
Mountain	Tactile Switch	Header Tactile Switch	CP_RESET		
Switch IS6324T1607					
SZMM3Z4V7 F1G SM 0805 polarized	SZMMSZ4V7T1 G LED1	D Zener LED1	D1	Zener Diode Typical RED GaAs LED	
			D2_FETChannel1, D2_FETChannel2, D2_FETChannel3, D2_FETChannel4, D2_FETChannel5, D2_FETChannel5 D3_FETChannel1, D3_FETChannel2, D3_FETChannel3, D3_FETChannel4,		
SMB	8240A-13-F	D Schottky	D3_FETChannel1, D3_FETChannel2, D3_FETChannel3, D3_FETChannel4, D3_FETChannel5, D3_FETChannel6 D4, D6, D6	Schottky Diode	
SK310A-TP PMEG1030E	SK310A-TP PMEG1030EH_	D Schottky PMEG1030EH_	D3_PETChannelS_D3_PETChannelS D4_D6_D8 D5	Schottky Diode Default Diode	
H_EJ SM 0805	EJ LED2	EJ LED2	D7, D9, D10	Typical RED, GREEN, YELLOW, AMBER GaAs LED High Conductance Fast Diode	
polarized 1N4148WT	Diode 1N4148	Diode 1N4148	D11_Thermisto:Channel1, D11_Thermisto:Channel2, D12_Thermisto:Channel1, D12_Thermisto:Channel2	High Conductance Fast Diode	
HDR132	Header 2	Header 2	D12_ThermistorChannel1, D12_ThermistorChannel2 DBGEN1, MESET, P4, TRST1	Header, 2-Pin	
HDR2X20 KEYSTONE	Header 2002 KEYSTONE 3587TR Ferrite	Header 2012 Fuse 1	EXP0 F1, F2, F3	Header, 2-Pin Header, 20-Pin, Dual row Fuse	
SSETTR SM 0805 - pap trimmed SM 0805 -		Inductor	FB1, FB2, FB3	Inductor	
SM 0805 - gap trimmed N M18NG12	MH2029-300Y BI M15HG801S	Inductor BLM15HG801S	FBA, FB9 FBA, FBA, FB7, FBA	Inductor BLM19HG601SN1D	
pap trimmed BLM18PG12 ISN1D PIN1	BLM15HG601S N1D Socket	N1D Socket	FET_TP_1_FETChannel1,	BLM15HG801SN1D Socket	
			FET_TP_1_FETChannel2, FET_TP_1_FETChannel3,		
			FET_TP_1_FETChannelS, FET_TP_1_FETChannelS,		
			FET_TP_GND1_FETChannel1, FET_TP_GND1_FETChannel2,		
			FEI, PL., J. FEICharnell, FEI, PL., GADI, J. FEICharnell, FEI, PL., GADI, J. FEICharnell, FEI, PL., GADI, J. FEICharnell, FEI, PL., GADI, J. FEICHARNEL, FEI, PL., GADI, J. FEICHARNEL, FEICHARNEL, GADI, J. F. FEICHARNEL, FEICHARNEL, GADI, F. FEICHARNEL, FEIC		
59015E-05- ND CIP0530LR3	S9015E-05-ND Inductor	S9015E-05-ND Inductor	JTAG/DEBUG1	hadratus.	
ICS HDR1XC		Manaday 2	Logic Source1, SPD1	Inductor Header, 3-Pin Molex 4-Pin Clip Connector	
Malex 3705430003	Header 3 Molex 0705430003	Molex 0705430003 Alt	Logic Source 1, SFD1 M1_DriveChannelDRV98251, M1_DriveChannelDRV98252, M1_DriveChannelDRV98253, M1_DriveChannelDRV98254, M1_DriveChannelDRV98254, M1_DriveChannelDRV98255 MAX1_EndstopChannel1,	Molex 4 Pin Clip Connector	
			M1_DriverChanneDRV88254, M1_DriverChanneDRV88255		
MOLEX Endstop	Molex 70543-03	Molex Endstop	MAXI_EndstopChannel1, MAXI_EndstopChannel2, MAXI_EndstopChannel3		
			MAXI, EndotryCharesti, MAXII, EndotryCharesti, MAXIII, Endotr		
Molex 70543- 02	Molex 70543-02	Malex 70543-02	P2_ThermistorChannel1, P2_ThermistorChannel1, P2_ThermistorChannel2.	Molex 70543-02	
			12_ThermocoupleChannel1, 12_ThermocoupleChannel2,		
			13_FETChannel1, T3_FETChannel2, T3_FETChannel3, T3_FETChannel4, T3_FETChannel5, T3_FETChannel6		
HDR138	Header 5	Header 5	13_FETChannelS, 13_FETChannel4, 13_FETChannelS, 13_FETChannel5 P3_DriverChannelDRV85251, P3_DriverChannelDRV85252, P3_DriverChannelDRV85253, P3_DriverChannelDRV85254,	Header, 5-Pin	
			P3_DiverChanneDRV88253, P3_DiverChanneDRV88254, P3_DiverChanneDRV88255		
con-phoenix- 508-6 Fairchild	con-phoenix-508 FDT436N	con-phoenix-508 Fairchild	Power Input1	N-Channel MOSFET	
FDT439N		FDT439N	O1_FETChannel1, Q1_FETChannel2, Q1_FETChannel3, Q1_FETChannel4, Q1_FETChannel5, Q1_FETChannel5 R1, R7, R9, R10,		
11-0603	Res3	Res3	R1, R7, R9, R10, R13_ThermistorChannel1, R13_ThermistorChannel2, R14_ThermistorChannel1,	Resistor	
11-0603	0603	Res3	R2_EndstopChannel1, R2_EndstopChannel2, R2_EndstopChannel2	Resistor	
			R3_EndstopChannel1, R3_EndstopChannel2,		
			R3_EndstopChannel3, R5_FETChannel1, R5_FETChannel2, R5_FETChannel3, R5_FETChannel4_R5_FETChannel5		
			RS_FETChannelS_RS_FETChannelS_ RS_FETChannelS_RS_FETC		
SM 0805 - gap trimmed	0805	Res3	El Endischarent, 10. Endischerent, 10. Endischer	Resistor	
SM 0805 - gap trimmed Resistor2512	Res3	Res3	RS, R11, R12	Flesiator	
Resistor2512	2512	Res3	R32_DiserChannelDRV88251, R32_DiserChannelDRV88252, R32_DiserChannelDRV88253.	Plesiator	
71 7301			R32_DiverChannelDRV88254, R32_DiverChannelDRV88255.		
			R33_DriverChannelDRV88251; R33_DriverChannelDRV88252; R33_DriverChannelDRV88253; R33_DriverChannelDRV88254; R33_DriverCh		
IL3301 PIN1	Tactile Switch TP4	Tactile Switch Socket	RESET1 THM_TP1_ThermistorChannel1, THM_TP1_ThermistorChannel2	Socket	
MIC24085- AYML II-DRB8- I750X1500TP	MIC24085 TPS73733QDR	MIC24085 TPS73733QDR	U1 U2, U3	Since Company of the	
750X1500TP V	IPS73733QDR BRQ1	BRQ1		Single Cutput Automotive LDO, 1 A. Fixed 3.3 V Output, 2.2 to 5.5 V Input, with Revenue Current Protection, 8-pin SCN (DRS), 40 to 125 depC, Green (Boht S & ros Strill*) Cold Junction Compensated Thermocouple to Digital Converter, 14 Bits Temperature Resolution, 40 to 125 depC, 8-Pin SCIC (SBH4), Pb-Free	
MAXM-	MAXS1855EAS	MAXI 1855EAS	U4_ThermocoupleChannel1, U4_ThermocoupleChannel2	no SbiBr) Cold Junction Compensated Thermocouple	
58+4_N		A+		to Digital Converter, 14 Bits Temperature Resolution, -40 to 125 degC, 8-Pin SOIC (S8+4), Pb-Free	
QFP144_N	ATSAM4E16EA AU	ATML- ATSAM4EXEA-	US		
ADuM4160 DRV8825	ADuM4160 DRV8825	ATML- ATSAM4EXEA- LQFP-144 ADuM4180 DRV8825	US U7_DiverChanneIDRV88251.	USB Opto Isolator DRV8825 'li Stepper Driver	
			UT_DiverChanneDRV85251, UT_DiverChanneDRV85252, UT_DiverChanneDRV85253, UT_DiverChanneDRV85253,		
VKL05232VL	MKL05Z32VLF4	MKL05Z3ZVLF4	U7_DriverChannelDRV88254, U7_DriverChannelDRV88255 U8	ARM Cortex M0+	
F4 PNS1729	USB-B	usa-a	USB	ABS07-32.768KHZ-T RTC Crystal	
ABS07- 12.768KHZ-T 145C35A12M 30000	ABS07- 32.768KHZ-T 445C35A12M00 000	ABS07- 32.768KHZ-T XTAL	N2	ABS07-32.768KHZ-T RTC Crystal Oscillator Crystal Oscillator	
Approved	000	Notes	l		