











Bill of Materials

<Parameter Title not found>

 Source Data From:
 Mako DSP.PrjPCB

 Project:
 Mako DSP.PrjPCB

 Variant:
 None

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Footprint	Comment	LibRef	Designator	Description	Quantity
PJ-102AH	Center-positive	PWR2.5	1	Power jack	1
	2.1 mm power				
	jack				
HDR2X5 Arduino	Header 5X2 Arduino	Header 5X2 Arduino	ADIO Analog Input1	Header, 5-Pin, Dual row	1
L eonardo	I eonardo	I eonardo	Arialog input i		'
Analog	Analog	Analog			
0402	Cap Semi	Cap Semi	C1, C2, C3, C4, C5, C6, C24, C25	Capacitor (Semiconductor SIM Model)	8
C1206	Cap Semi	Cap Semi	C7, C53, C54, C56, C57, C59, C60, C72,	Capacitor (Semiconductor SIM Model)	10
1608[0603]	Cap Semi	Cap Semi	C73, C74 C8, C9, C10, C11, C12, C13, C14, C15,	Capacitor (Semiconductor SIM Model)	35
1000[0003]	Cap Seilli	Сар Зепп	C16, C17, C18, C19, C30, C31, C33, C34,	capacitor (Serniconductor Silvi Woder)	33
			C35, C36, C37, C38, C39, C40, C41, C42,		
			C43, C44, C45, C46, C47, C48, C49, C62,		
	00	00	C63, C64, C68		
Panasonic VS B	Cap Semi	Cap Semi	C20, C22, C55, C58, C61, C71	Capacitor (Semiconductor SIM Model)	6
SM 0805 -	Cap Semi	Cap Semi	C21. C23	Capacitor (Semiconductor SIM Model)	2
gap trimmed				,	
CAPC1608L	Cap Semi	Cap Semi	C27, C28, C29, C32	Capacitor (Semiconductor SIM Model)	4
CAPPR2.5-	Cap Pol1	Cap Pol1	C51, C52	Polarized Capacitor (Radial)	2
6.3x5 SM 0805	LED2	LED2	D1, D3, D4	Typical RED, GREEN, YELLOW, AMBER	3
polarized	LLDZ	LLDZ	51, 50, 54	GaAs LED	,
PMEG4050E	PMEG4050EP	Diode	D2	Default Diode	1
P					
HDR1X2	Header 2	Header 2	DBGEN1, TRST1	Header, 2-Pin	2
Arduino Leonardo	Arduino Leonardo High	Arduino Leonardo High	Digital IO Higher Byte1		1
High Byte	Byte	Byte			
Arduino	Arduino	Arduino	Digital IO Lower Byte1		1
Leonardo	Leonardo Low	Leonardo Low			
Low Byte	Byte	Byte	504 500 500 504 505 500 507	5114451100040145	
BLM18PG12 1SN1D	BLM15HG601S N1D	BLM15HG601S N1D	FB1, FB2, FB3, FB4, FB5, FB6, FB7, FB10, FB12, FB13, FB17	BLM15HG601SN1D	11
SM 0805 -	Ferrite	Inductor	FB14, FB15, FB16	Inductor	3
gap trimmed					
Micro USB	DX4R005J91R51	Micro USB	J3	Micro USB Jack B	1
Circular Holes Only	00				
S9015E-05-	S9015E-05-ND	S9015E-05-ND	JTAG/DEBUG1		1
ND					
VLS252012T-	Inductor	Inductor	L1, L2, L3	Inductor	3
2R2M1R3					
Arduino Leonardo	Arduino	Arduino Leonardo Power	Power & Reset1		1
Power	Leonardo i ower	Leonardo i ower			
J1-0603	Res3	Res3	R1, R2, R3, R6, R7, R8, R9, R10, R11,	Resistor	31
			R12, R13, R14, R15, R16, R17, R18, R22,		
			R23, R24, R25, R27, R29, R32, R33, R40,		
			R41, R42, R43, R44, R45, R47		
SM 0805 -	Res3	Res3	R4, R5	Resistor	2
gap trimmed					
RESC2012L 0402 -	Res3 Res3	Res3 Res3	R19, R20, R21	Resistor Resistor	3 6
duplicate	Res3	Res3	R34, R35, R36, R37, R38, R39	Resistor	ь
TL3301	Tactile Switch	Tactile Switch	RESET1		1
PIN1	Socket	Socket	RTCALARM1, WAKEUP1	Socket	2
JAE	JAE SJ107021	JAE SJ107021	SD1		1
SJ107021		microSD Card Socket			
RGB LED	APTF1616SEEZ		STATUS	RGB LED	1
APTF1616SE		APTF1616SEEZ	3,11,00	1100 220	
EZGQBDC		GQBDC			
CUI SJ-	CUI 43515TS	CUI 43515TS	Stereo Input1, Stereo Output1		2
43515TS	BAV70S SOT-	BAV70S SOT-	U1. U2. U3		3
T363	363	363	01, 02, 03		3
WM8778	WM8778	WM8778	U4		1
SOT486-1_V	LPC4330FBD14	LPC4330FBD14	U5	32-bit ARM Cortex-M4 MCU, 264 kB	1
	4	4		SRAM, 2 HS USB with on-chip PHY,	
				Ethernet, CAN, AES, SPIFI, SGPIO, SCT, 144-Pin LQFP	
TPS62162SO	TPS62162SOP	TPS62162SOP	U7, U8, U9	144-FIII EQFF	3
P					
LM3525	LM3525	LM3525	U10	LM3525	1
ABM3B-	ABM3B-	ABM3B-	X1		1
12.000MHZ- B2-T	12.000MHZ-B2-	12.000MHZ-B2-			
ABS07-	ABS07-	ABS07-	X2	ABS07-32.768KHZ-T RTC Crystal	1
32.768KHZ-T	32.768KHZ-T	32.768KHZ-T		Oscillator	
					158
Approved		Notes			
		1		1	