













## Bill of Materials <Parameter Title not found> Mako DSP.PrjPCB Mako DSP.PrjPCB Variant: None reation Date: 3/9/2014 11:37:01 PM Print Date: 41707 41707.98418 Footprint PJ-102AH LibRef PWR2.5 Arguino Leonardo Analog HDR2X5 0402 C1206 Leonardo Leonardo Analog Header 5X2 Cap Semi Cap Semi Cap Semi Analog Header 5X2 Cap Semi Cap Semi Cap Semi Header, 5-Pin, Dual row Capacitor (Semiconductor SIM Model) Capacitor (Semiconductor SIM Model) Capacitor (Semiconductor SIM Model) Aux GPIO 0, Aux GPIO 1 C1, C2, C3, C4, C5, C6, C24, C25 1608[0603] C16, C17, C18, C19, C26, C30, C31, C33, C34, C35, C36, C65, C68 C20, C22, C69, C76 Cap Semi Panasonic VS B SM 0805 -Cap Semi Cap Semi gap trimmed CAPC1608L C27, C28, C29, C32 Capacitor (Semiconductor SIM Model) C37, C38, C39, C40, C41, C42, C43, C44, Capacitor (Semiconductor SIM Model) C45, C46, C47, C48, C49, C80, C80, C81, C81, C82, C82, C83, C84, C85, C86 Cap Semi 0402 Cap Semi Cap Semi Cap Semi Cap Pol1 Capacitor (Semiconductor SIM Model) CAPPR2.5-6.3x5 Cap Pol1 Polarized Capacitor (Radial) 1608[0603] Cap Semi C54, C62, C63, C70, C75, C77, C78, C79 Capacitor (Semiconductor SIM Model) C1206 1206 Tantulum Cap Semi Cap Semi Canacitor (Samiconductor SIM Model) Panasonic VS C PMEG1030E PMEG1030EH Diode Default Diode H EJ PMEGANSNER Default Diode DBGEN1, TRST1 Digital IO Higher Byte1 Arduino Leonardo High Byte Arduino Leonardo Arduino Leonardo High Arduino Leonardo High Digital IO Lower Byte1 Leonardo Low Byte BLM15HG601S BLM15HG601S Low Byte BLM18PG1 FB1, FB2, FB3, FB4, FB5, FB6, FB10, BLM15HG601SN1D 1SN1D SM 0805 -FB12, FB13, FB17 FB8, FB9, FB11, FB16 MIDROSI 301D. Inductor gap trimme SM 0805 -Inductor gap trimmed Micro USB Circular Holes Only DX4R005J91R51 Micro USB icro USB Jack B S9015E-05-ND JTAG/DEBUG1 S9015E-05-ND S9015E-05-ND CIP0530LR3 Inductor Inductor 2R2M1R3 Arduino Leonardo Arduino Power & Reset1 eonardo Po Channel MOSFET Q1 R1, R2, R3, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20, R23, R24, R25, R26, R27, R28, R29, R30, R32, R33 R4, R5 J1-0603 Res3 Resistor gap trimmed RESC2012L R21 R22, R31, R40, R41, R42, R43, R44, R45, R46, R47, R48, R49, R50, R51, R52, R53, R54, R55, R56, R57 R34, R35, R36, R37, R38, R39 Res3 Res3 duplicate 742C083 RESISTOR RA1, RA2, RA3, RA4, RA5, RA6, RA7 RESISTOR Resistor array ARRAY Tactile Switch ARRAY Tactile Switch Socket Socket WAKEUPO, WAKEUP1, WAKEUP2, WAKEUP3 SSP1 HDR2X3 Header 3X RGB LED APTF1616 APTF1616SE GQBDC ader 3X2 fer, 3-Pin, Dual row APTF1616SEEZ RGB LED GQBDC APTF1616SEE EZGQBDC CUI SJ-CUI 43515TS CUI 43515TS ereo Input1, Stereo Output1

32-bit ARM Cortex-M4 MCU, 264 kB SRAM, 2 HS USB with on-chip PHY, Ethernet, CAN, AES, SPIFI, SGPIO, SCT,

Low Noise, High Performance, High Fidelity Dual Audio Operational Amplifier, 8 pin Narrow SOIC

ABS07-32.768KHZ-T RTC Crystal

inear Regulator

SPIFI Quad Flash

Oscillator

43515TS BAV70S\_S0

WM8778 SOT740-2

MIC24085-

TI V117112

SOSEL ORAL

ASACRM169

ABM3B-12.000MHZ-

ABS07- ABS07-32.768KHZ-T 32.768KHZ-T

XNFI001 M08A\_N

LM358 TPS62162S BAV70S SOT-

363 WM8778

MIC24085

TI V117113

LM358 SOP

TPS62162SOF

SOSEI NEADOW

FI001 LME49722MA

AS4C8M16S

BAV70S SOT-

363 WM8778

MIC24085 TLV117112

LM358\_Symbo TPS62162SOF

S25FL064P0X

AS4C8M16S

32.768KHZ-T

LPC4330FET25 LPC4330FET25