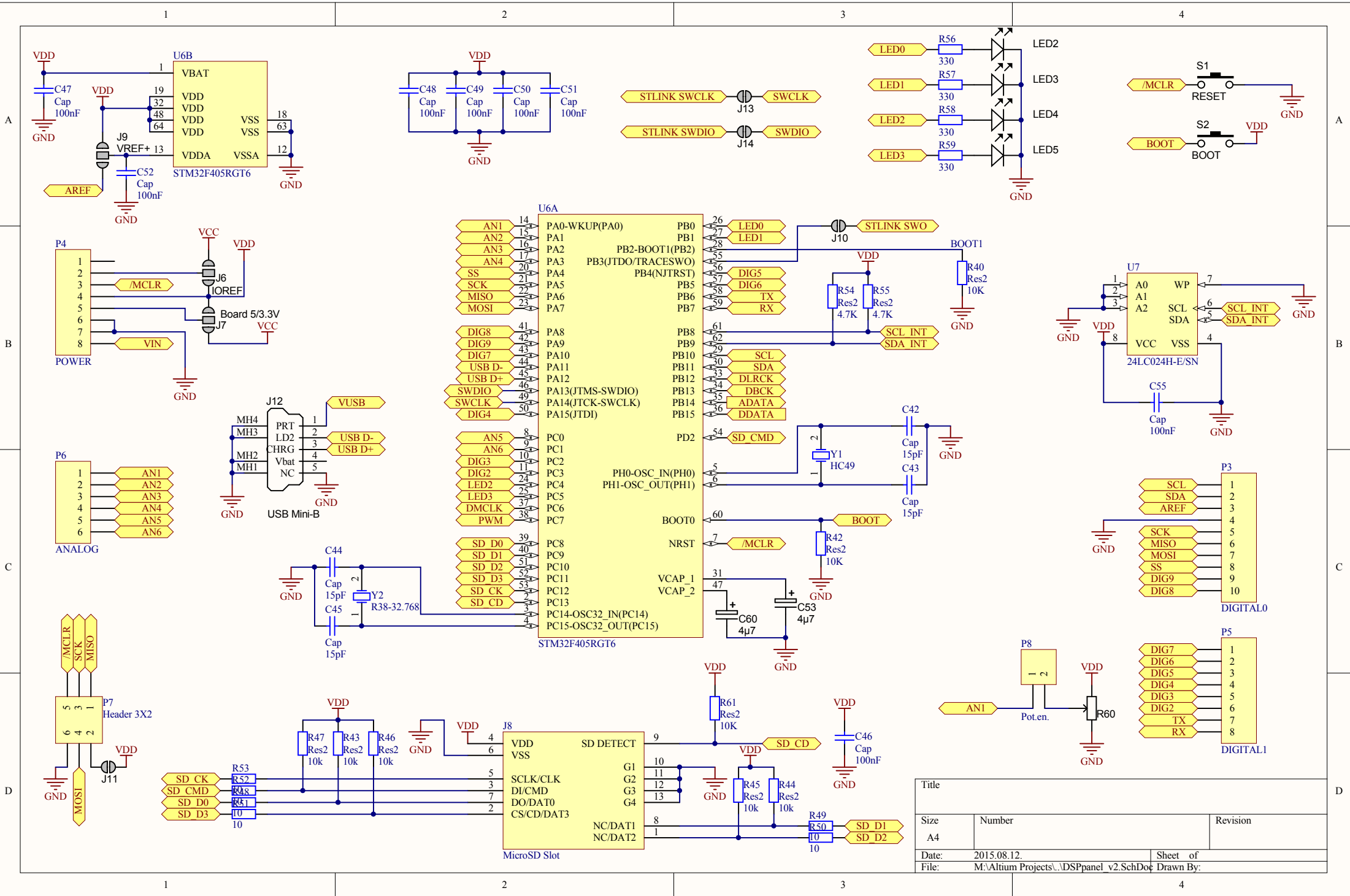
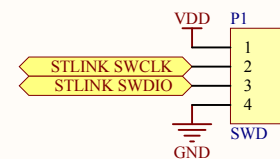
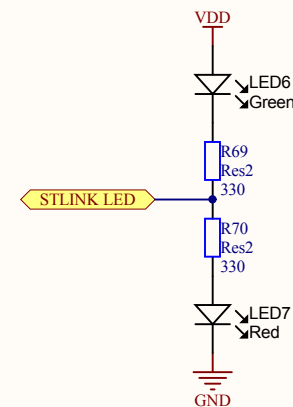
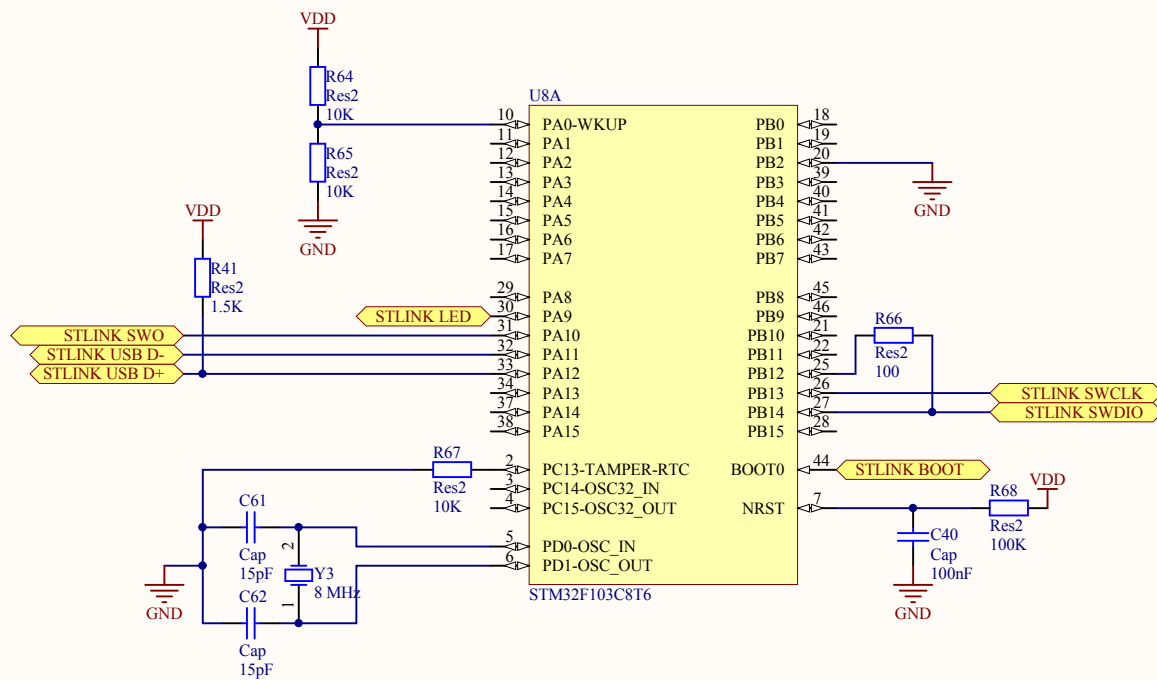
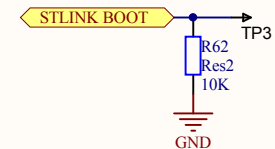
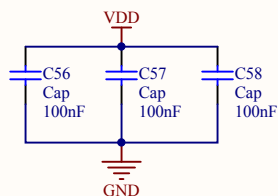
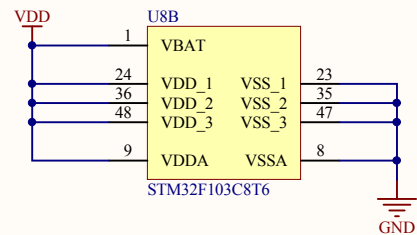
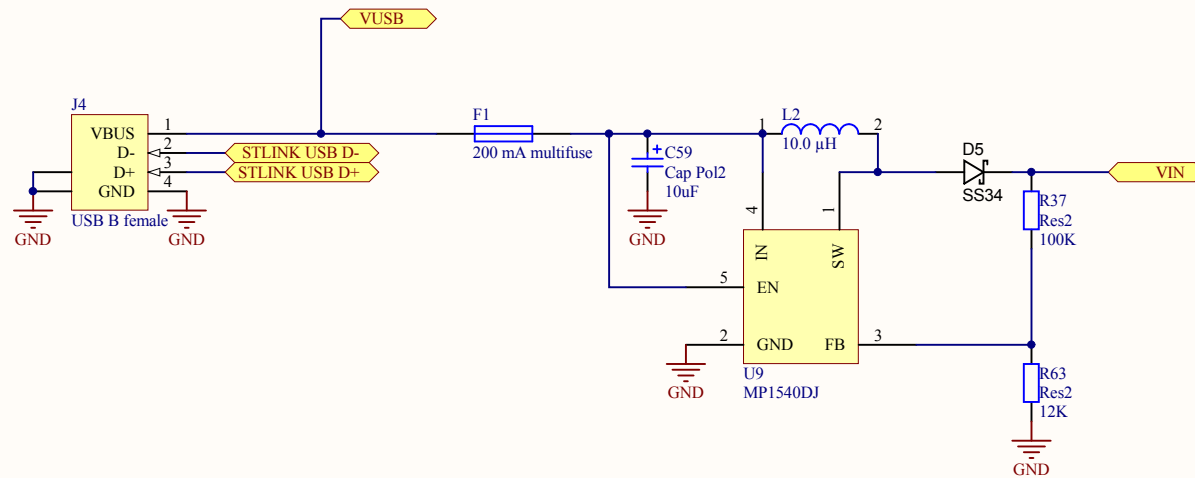
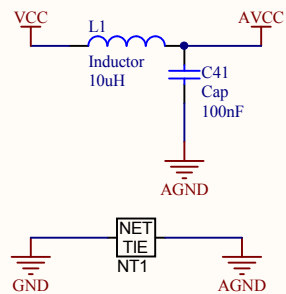
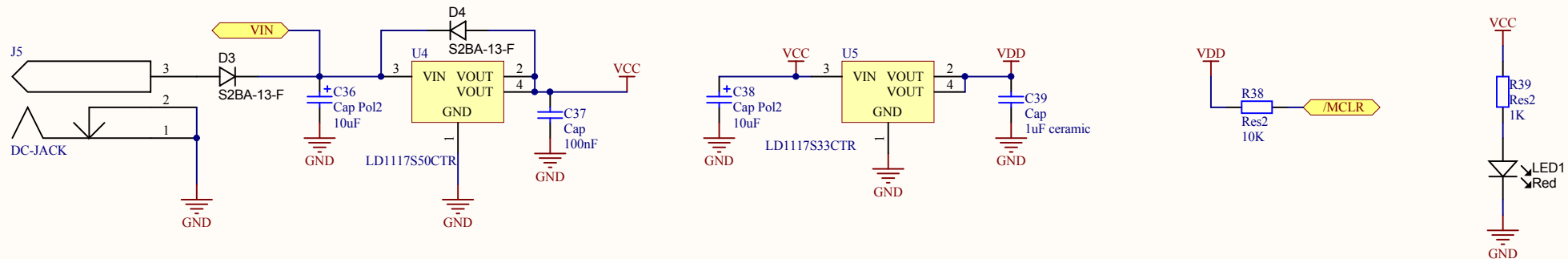


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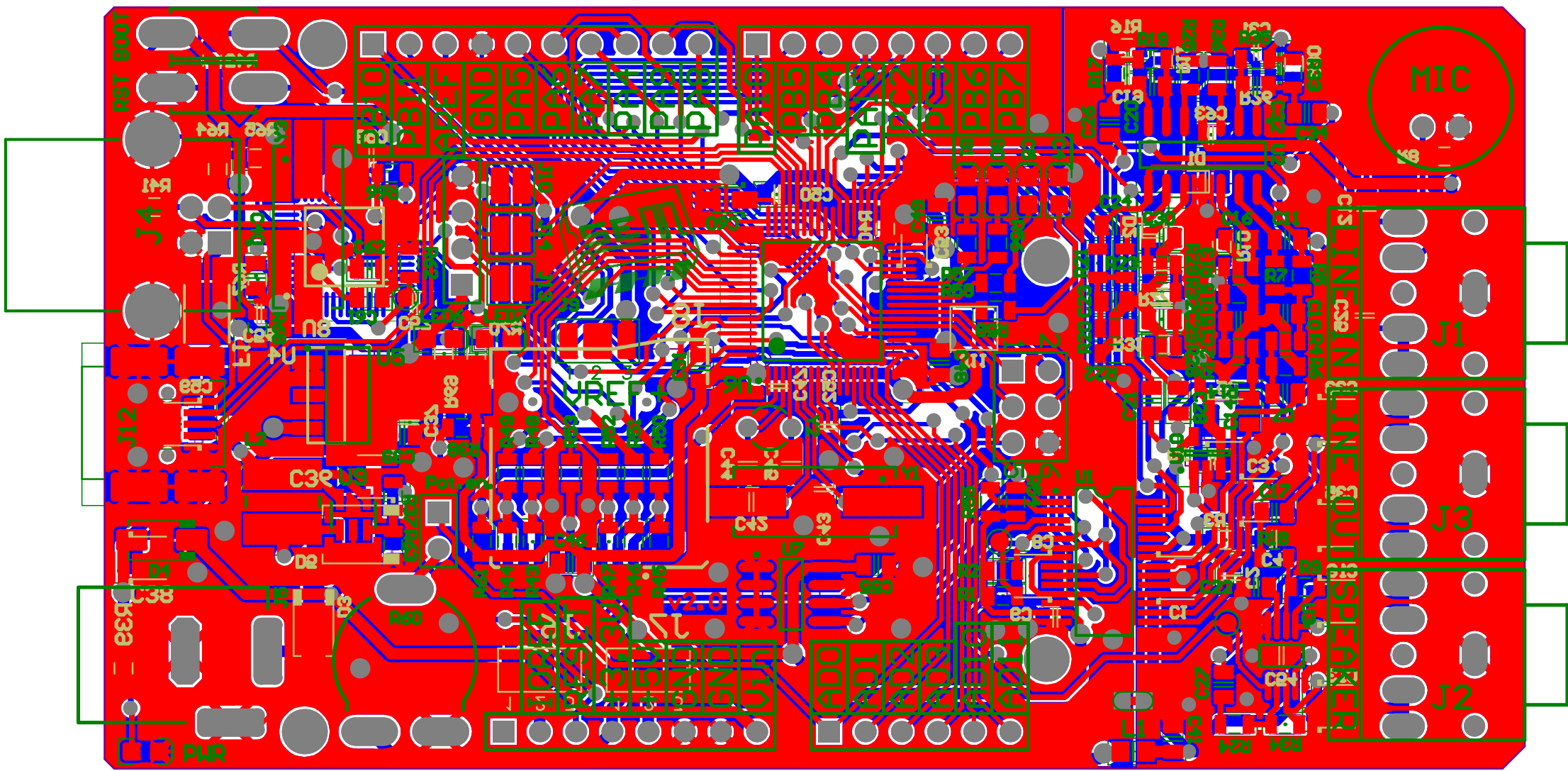




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Part List		<Parameter Title not found>		
Source Data From:		DSPpanel_v2.PrjPcb		
Project:		DSPpanel_v2.PrjPcb		
Variant:		None		
Report Date:		2015.08.12	9:45:32	
Print Date:		12-Aug-15	9:45:41 AM	
Designator	Comment	#Column Name Error:Lib	Footprint	Description
C1, C3, C5, C6, C13, C18, C33, C35, C36, C38, C59	Cap Pol2		CAWMP3528X210N	Polarized Capacitor (Axial)
C2, C4, C6, C7, C9, C10, C11, C12, C14, C15, C16, C17, C19, C20, C21, C22, C23, C24, C25, C26, C27, C28, C29, C30, C31, C32, C34, C37, C39, C40, C41, C42, C43, C44, C45, C46, C47, C48, C49, C50, C51, C52, C54, C55, C56, C57, C58, C61, C62, C63	Cap		CAPC2012X135N	Capacitor
C53, C60	4u7		CAWMP3216X180N	Capacitor SMD Tantalum 4.7uF 10% 16V 3216-18
D1, D2	Mini MELF		SOD080_LL-34	Diode SMD 100V 150mA 500mW SOD80
D3, D4	100V; 1.5A		DO-214AC	Diode SMD 100V 1.5A SMA
D5	SSM		DO-214AA	Diode Schottky SMD 30V 2A DO-214AA
F1	200 mA multifuse		RES0332X70N	Fuse
J1	LINE IN		STEREO JACK 3.5 mm	Sztereo audio csatlakozó 3.5 mm
J2	SPEAKER		STEREO JACK 3.5 mm	Sztereo audio csatlakozó 3.5 mm
J3	LINE OUT		STEREO JACK 3.5 mm	Sztereo audio csatlakozó 3.5 mm
J4	USB B female		1437106	USB 1.1, Right Angle, Thru-Hole, B Type, Receptacle, 4 Position, Natural
J5	DC-JACK		JACK	Tápcsatlakozó
J6	MicroSD Slot		MICROSD Slot	
JH2	USB Mini-B		USB_Mini-B_Molex_SMT	Connector SMD USB Type Mini-B
L1	Inductor		6-0805_N	Inductor
L2	7447745100		WE-P02-MS	SMD Pow er Inductor WE-P02, L = 10.0 µH
LED1	Red		LED-0805-K	LED 0805 SMD Red 6mcd 621nm
LED2, LED6, LED7	B0		LED-0805-K	LED 0805 SMD Red 6mcd 621nm
LED3	B1		LED-0805-K	LED 0805 SMD Red 6mcd 621nm
LED4	C4		LED-0805-K	LED 0805 SMD Red 6mcd 621nm
LED5	C5		LED-0805-K	LED 0805 SMD Red 6mcd 621nm
MC1	Electret microphone		MC 10 mm	Elektrét mikrofon kapszula
P1	SWD		HDR1X4	Header, 4-Pin
P3	DIGITAL0		HDR1X10	Header, 10-Pin
P4	POWER		HDR1X8	Header, 8-Pin
P5	DIGITAL1		HDR1X8	Header, 8-Pin
P6	ANALOG0		HDR1X6	Header, 6-Pin
P7	Header 3X2		HDR2X3	Header, 3-Pin, Dual row
P8	Pot.en.		HDR1X2	Header, 2-Pin
R1	Optionalis		RES02012X70N	Resistor
R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17, R18, R19, R20, R21, R22, R23, R24, R25, R26, R27, R28, R29, R30, R31, R32, R33, R34, R35, R36, R37, R38, R39, R40, R41, R42, R43, R44, R45, R46, R47, R48, R49, R50, R51, R52, R53, R54, R55, R56, R57, R58, R59, R61, R62, R63, R64, R65, R66, R67, R68, R69, R70	Res2		RES02012X70N	Resistor
R60	25 turns		PT-105	Trimmer THD
S1	RESET		TACT6x3	Switch, tact., 5.0mm stem
S2	BOOT		TACT6x3	Switch, tact., 5.0mm stem
U1	WM8591		SSOP-28	WM8591 AUDIO CODEC
U2	MCP6004-ISL		SOIC-SL14_N	1 MHz, Low-Pow er Operational Amplifier, 14-Pin SOIC, Industrial Temperature
U3	TS486		MSOP-M89_M	0.1 W audio amplifier
U4	LD1117550CTR		SOT-223_M	Fixed Low Drop Positive Voltage Regulator, 5V, 4-Pin SOT-223, Tape and Reel
U5	LD1117533CTR		SOT-223_L	Fixed Low Drop Positive Voltage Regulator, 3.3V, 4-Pin SOT-223, Tape and Reel
U6	STM32F405RGT6		STM-LQFP64_M	ARM Cortex-M4 32-bit MCU, 210 DMPS, 1024 kB Flash, 192 kB Internal RAM, 51 I/Os, 64-pin LQFP, -40 to 85 degC, Tray
U7	24LC024H-ESN		SOIC-SN8_M	2Kbit, 1MHz, 2.5V, Addressable Serial EEPROM, 8-Pin SOIC 150mil, Extended Temperature
U8	STM32F103C8T6		STM-LQFP48_N	ARM Cortex-M3 32-bit MCU, 64 kB Flash, 20 kB Internal RAM, 37 I/Os, 48-pin LQFP, -40 to 85 degC, Tray
U9	MP1540DJ		S8	Step-up converter
U10	MCP6001UT-IOT		SOT-23-OT5_M	1 MHz, Low-Pow er Operational Amplifier, 5-Pin SOT-23, Industrial Temperature, Tape and Reel
Y1	HC49		HC494H_SMX	Surface Mount Quartz Crystal
Y2	R08-32.768		R08	Tuning Fork Crystal Unit
Y3	8 MHz		HC494H_SMX	Surface Mount Quartz Crystal