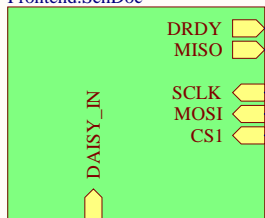
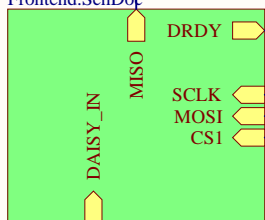


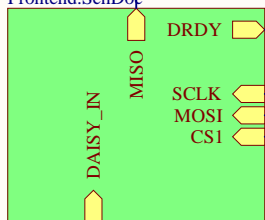
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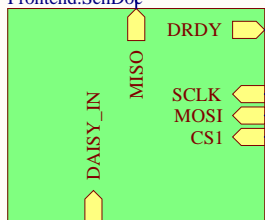
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Frontend.SchDoc



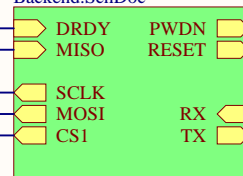
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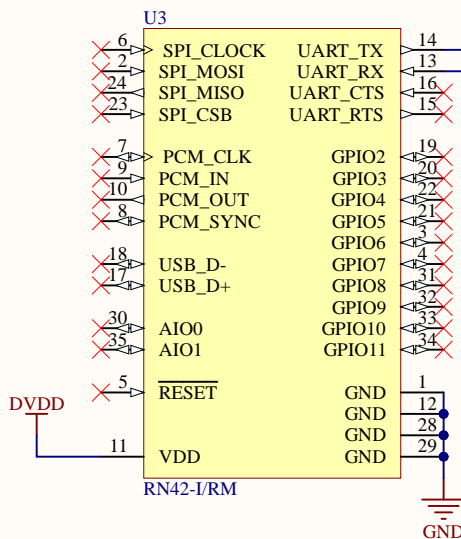
FE4  
Frontend.SchDoc



BE  
Backend.SchDoc



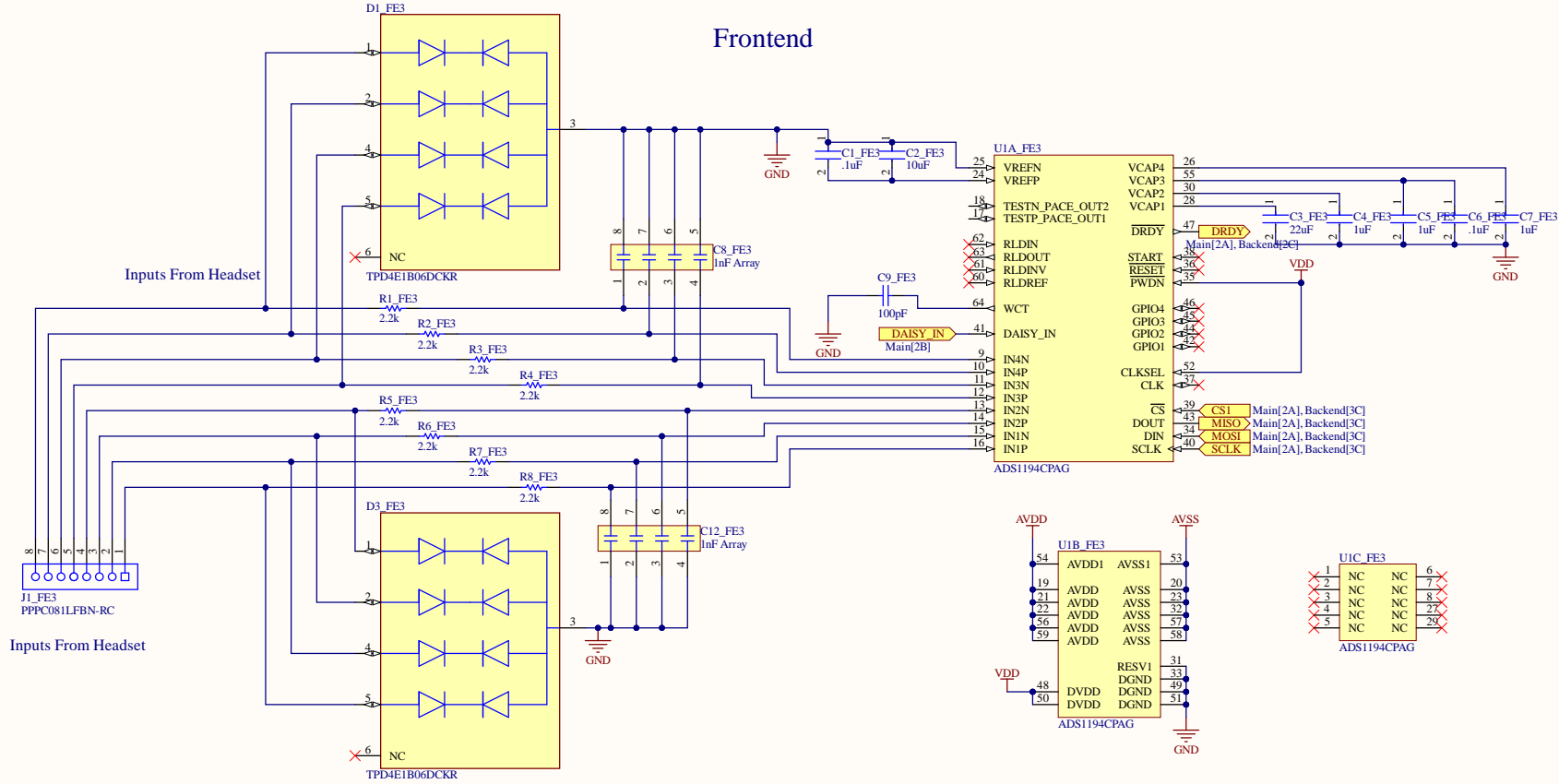
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Power.SchDoc



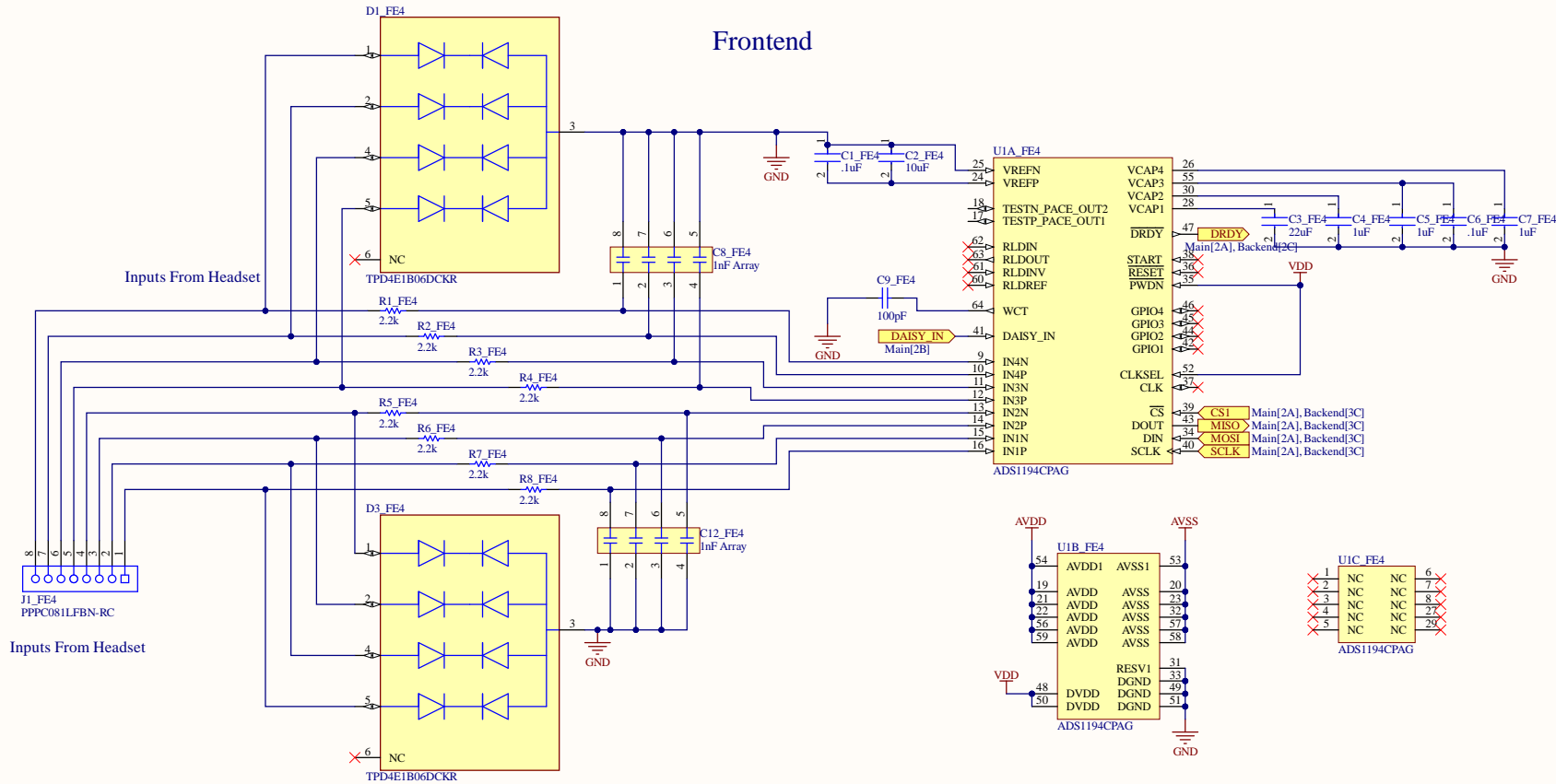
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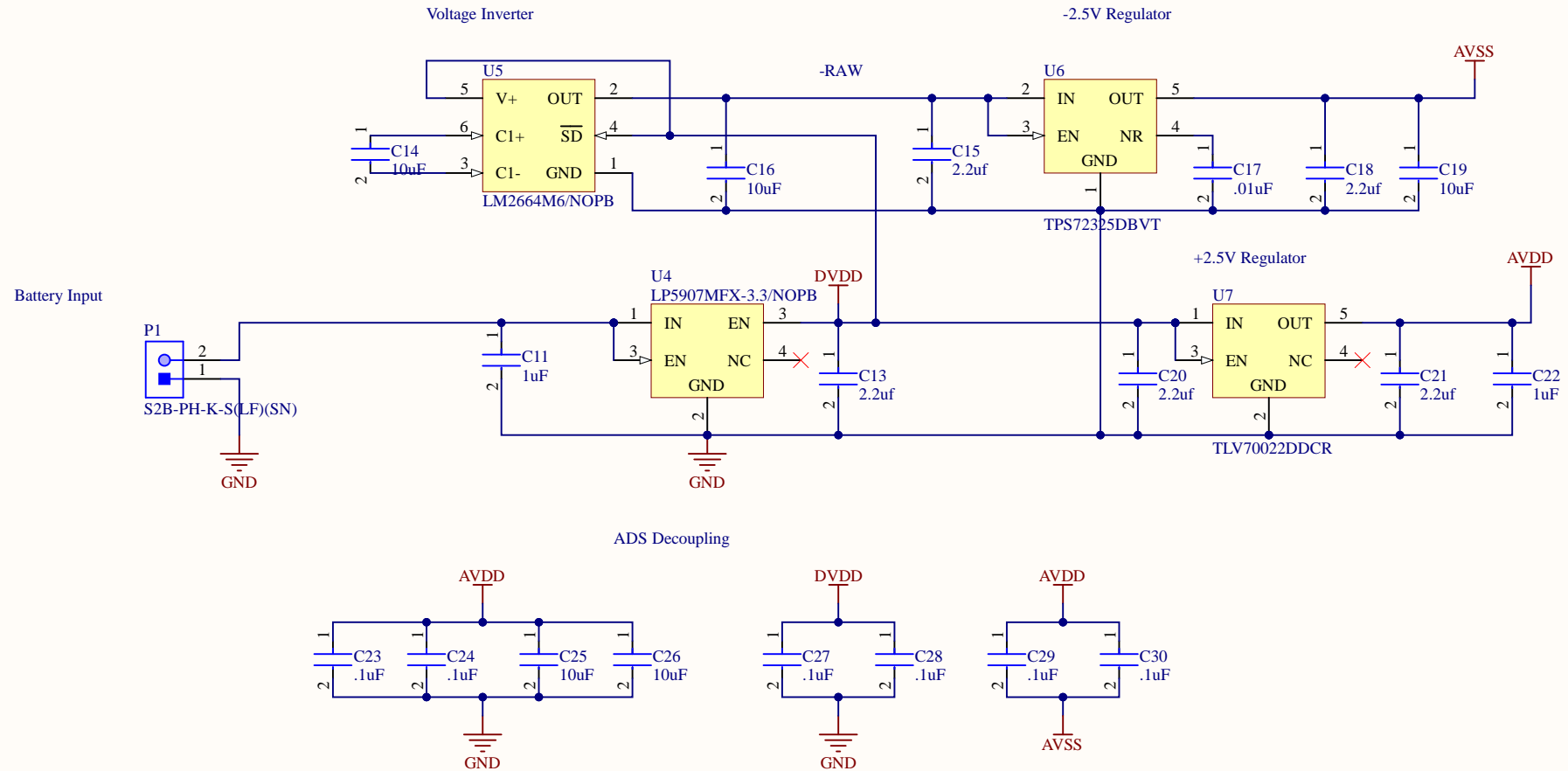


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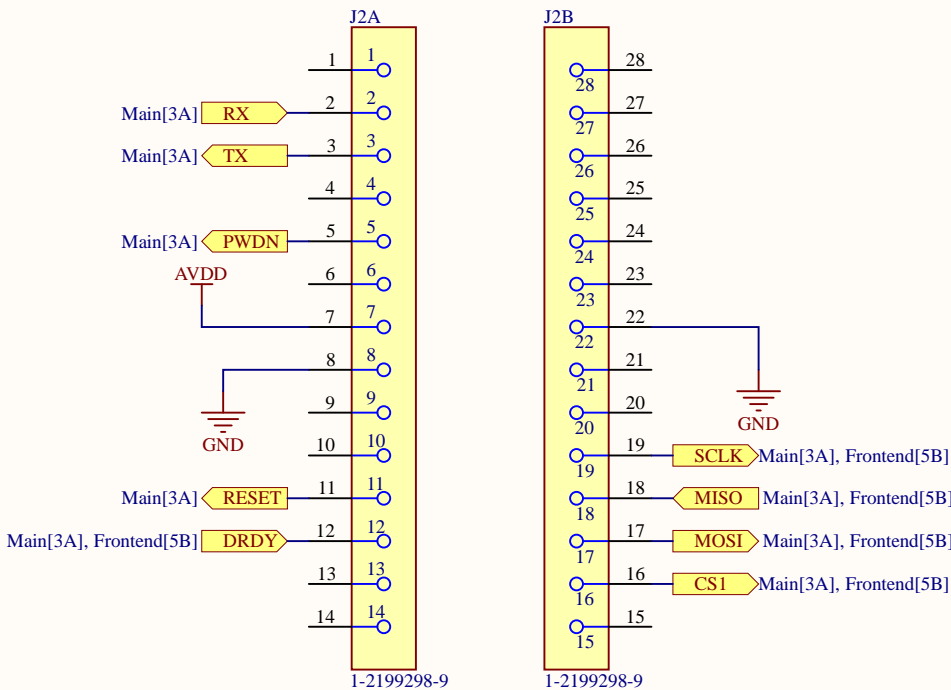


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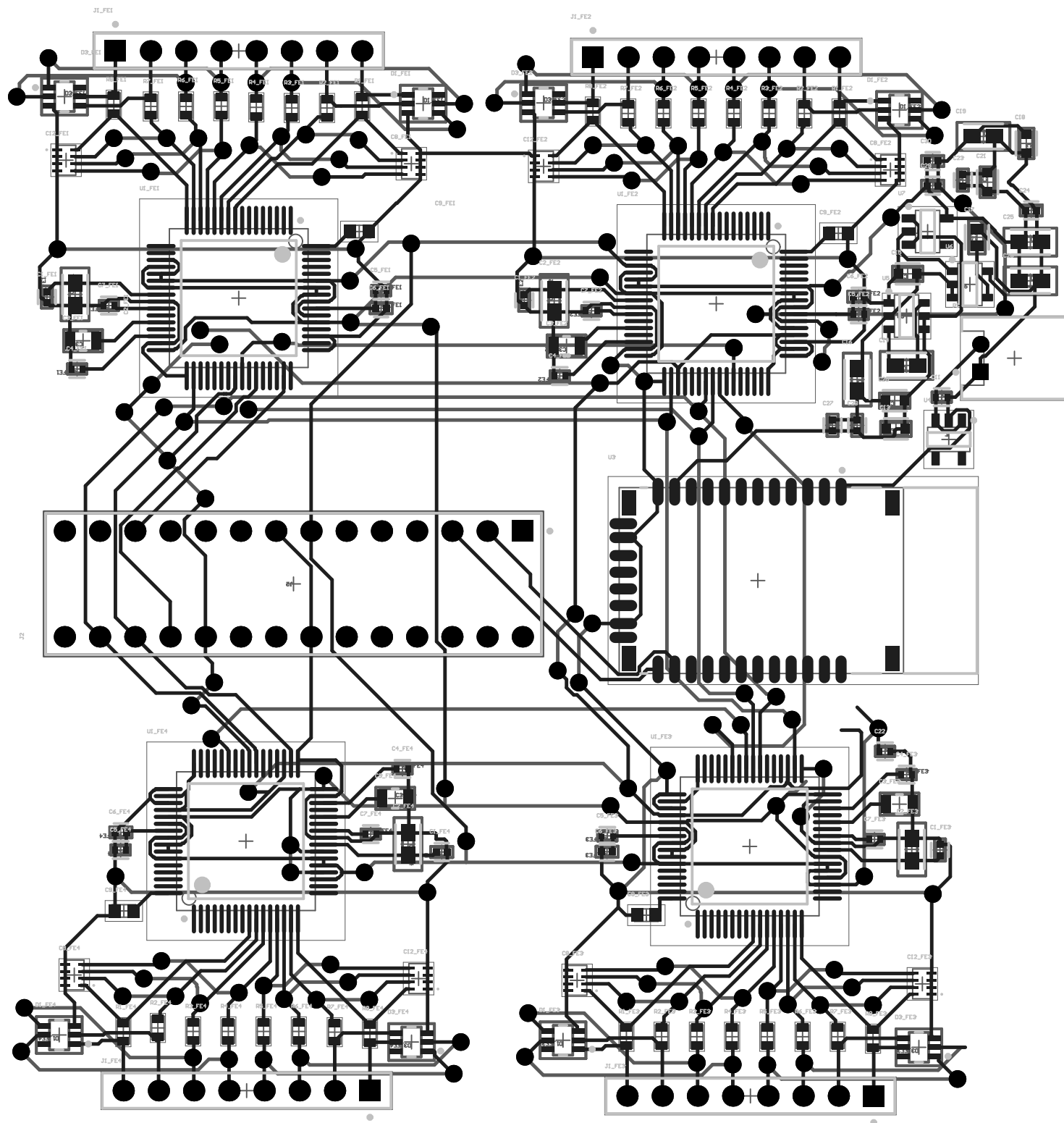
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File:	C:\Users\...\Backend.SchDoc	Drawn By:





Comment	Description	Designator	Footprint	LibRef	Quantity
1uF	CAP CER 0.1UF 10V X5R 0402	C1_FE1, C1_FE2, C1_FE3, C1_FE4, C6_FE1, C6_FE2, C6_FE3, C6_FE4, C23, C24, C27, C28, C29, C30	FP-CD402-BB-MFG	CMP-2008-02046-2	14
10uF	Chip Multilayer Ceramic Capacitors for General Purpose, 0603, 10uF, X5R, 15%, 20%, 6.3V	C2_FE1, C2_FE2, C2_FE3, C2_FE4, C14, C16, C19, C25, C26	FP-GRM188-0_1-e0_2_0_55-IPC_A	CMP-2006-02792-2	9
22uF	Chip Multilayer Ceramic Capacitors for General Purpose, 0805, 22uF, X5R, 15%, 20%, 6.3V	C3_FE1, C3_FE2, C3_FE3, C3_FE4	FP-GRM218-0_15-MFG	CMP-2007-03385-2	4
1uF	CAP CER 1UF 10V X5R 0402, Chip Multilayer Ceramic Capacitors for General Purpose, 0603, 2.2uF, X7R, 15%, 10%, 10V, Chip Multilayer Ceramic Capacitors for General Purpose, 0603, 10uF, X5R, 15%, 20%, 6.3V	C4_FE1, C4_FE2, C4_FE3, C4_FE4, C5_FE1, C5_FE2, C5_FE3, C5_FE4, C7_FE1, C7_FE2, C7_FE3, C7_FE4, C11, C22	FP-GRM15-0_1-MFG	CMP-2008-04556-2, CMP-2006-02836-2, CMP-2006-02792-2	14
1nF Array	Multilayer Ceramic Chip Capacitor Array, 1 nF, +/- 20%, 50 V, -55 to 125 degC, 8-Pin SMD, RoHS, Tape and Reel	C8_FE1, C8_FE2, C8_FE3, C8_FE4, C12_FE1, C12_FE2, C12_FE3, C12_FE4	TDK-CKCL44_V	CMP-2000-06087-1	8
100pF	GRM1885C1H101JA0 1D	C9_FE1, C9_FE2, C9_FE3, C9_FE4	CAPC1608X90X35NL1 0T15	CMP-2006-02595-1	4
2.2uF	Chip Multilayer Ceramic Capacitors for General Purpose, 0603, 2.2uF, X7R, 15%, 10%, 10V	C13, C15, C18, C20, C21	FP-GRM188-0_1-e0_2_0_5-MFG	CMP-2006-02836-2	5
01uF	CAP CER 0603 .01UF 16V X7R 20% A	C17	FP-CD603C-CF-MFG	CMP-03020-020209-2	1
TPD4E1B06DCKR	TVS DIODE 5.5VWM 14.5VC SC70-6	D1_FE1, D1_FE2, D1_FE3, D1_FE4, D3_FE1, D3_FE2, D3_FE3, D3_FE4	FP-DCK0006A-MFG	CMP-04985-000024-1	8
PPPC081LFBN-RC	Female Header, Pitch 2.54 mm, 1 x 8 Position, Height 8.5 mm, Tail Length 3.2 mm, -40 to 105 degC, RoHS, Bulk	J1_FE1, J1_FE2, J1_FE3, J1_FE4	SLIN-PPPC081LFBN-RC_V	CMP-1770-00002-1	4
1-2199298-9	CONN IC DIP SOCKET 28POS TIN	J2	FP-1-2199298-9-MFG	CMP-03370-000006-1	1
S2B-PH-K-S(LF)(SN)	Male Header, Pitch 2 mm, 1 x 2 Position, Height 4.8 mm, Tail Length 3.4 mm, -25 to 85 degC, RoHS, Bulk	P1	JST-S2B-PH-K-S_V	CMP-1755-00004-1	1
2.2k	Thick Film Resistor, 2.2 Kohm, 100 mW, 50 V, +/- 1%, -55 to 155 degC, 2-Pin SMD (0603), RoHS, Tape and Reel	R1_FE1, R1_FE2, R1_FE3, R1_FE4, R2_FE1, R2_FE2, R2_FE3, R2_FE4, R3_FE1, R3_FE2, R3_FE3, R3_FE4, R4_FE1, R4_FE2, R4_FE3, R4_FE4, R5_FE1, R5_FE2, R5_FE3, R5_FE4, R6_FE1, R6_FE2, R6_FE3, R6_FE4, R7_FE1, R7_FE2, R7_FE3, R7_FE4, R8_FE1, R8_FE2, R8_FE3, R8_FE4	RESC1608X55X25LL10 T15	CMP-2000-06934-1	32
ADS1194CPAG	Low-Power, 4-Channel, 16-Bit Analog Front-End for ECG, 0 to 70 degC, 64 pin QFP (PAG64), Green (RoHS & no Sb/Br)	U1_FE1, U1_FE2, U1_FE3, U1_FE4	TI-PAG64_M	CMP-0003-00599-1	4
RN42-I/RM	Class 2 Bluetooth(R) Module with EDR Support, 3 to 3.6 V, -40 to 85 degC, 32-Pin MODULE, RoHS, Tray	U3	MCHP-RN42-32_V	CMP-2000-06994-1	1
LP5907MFx-3.3/NOPB	None	U4	DBV0005A_N	CMP-2000-07464-2	1
LM2664M6/NOPB	Switched Capacitor Voltage Converter, 6-pin SOT-23, Pb-Free	U5	DBV0006A_L	CMP-0065-00094-3	1
TPS72325DBVT	Single Output High PSRR LDO, 200 mA, Fixed -2.5 V Output, -10 to -2.7 V Input, 5-pin SOT-23 (DBV), -40 to 125 degC, Green (RoHS & no Sb/Br)	U6	DBV0005A_L	CMP-0394-00284-2	1
TLV70022DDCR	Single Output LDO, 200 mA, Fixed 2.2 V Output, 2 to 5.5 V Input, with Low IQ, 5-pin SOT (DDC), -40 to 125 degC, Green (RoHS & no Sb/Br)	U7	DDC0005A_N	CMP-0394-01058-2	1