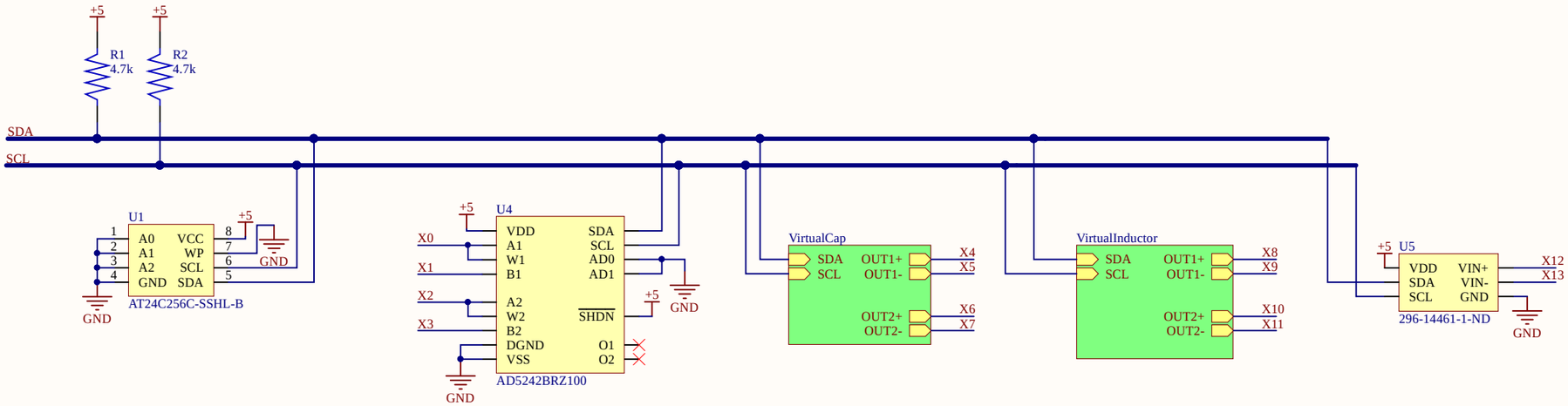
Dynamic Complex Modulo (overview)



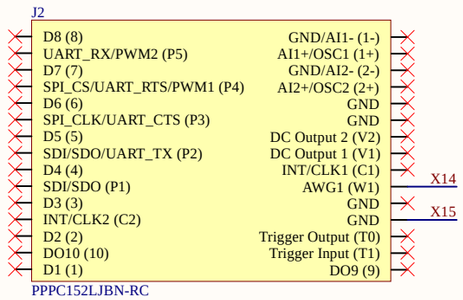
EEPROM

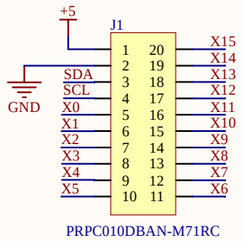
Resistors

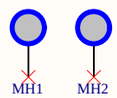
Capacitors

Inductors

ADC





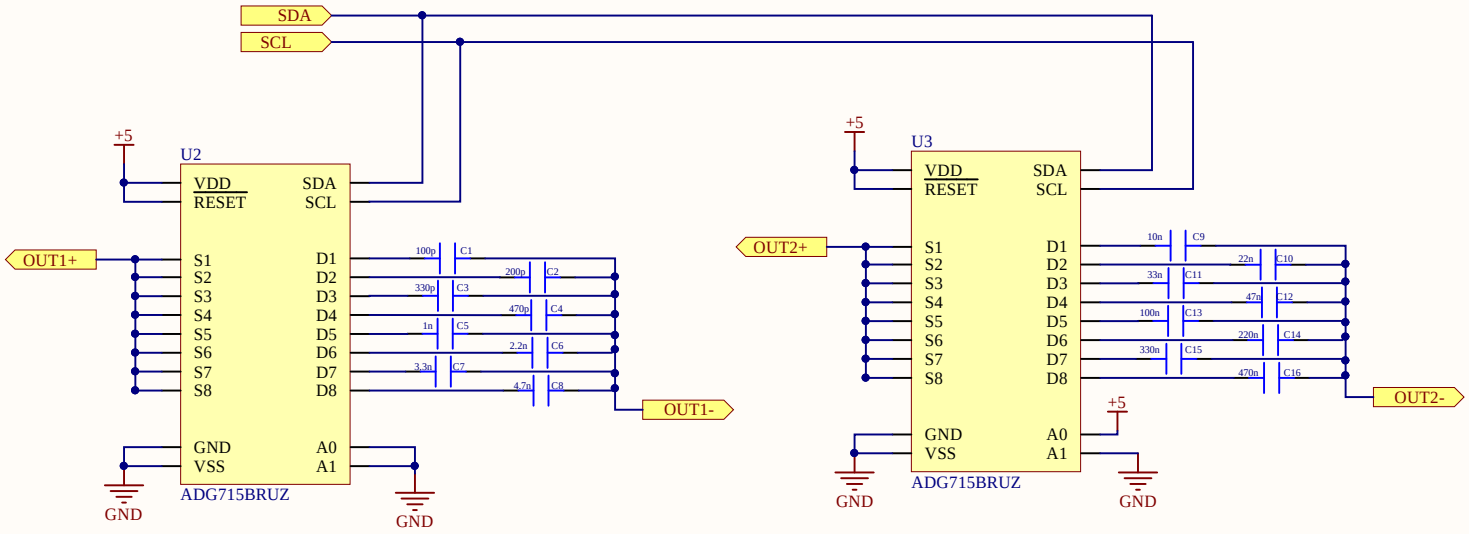


DAC

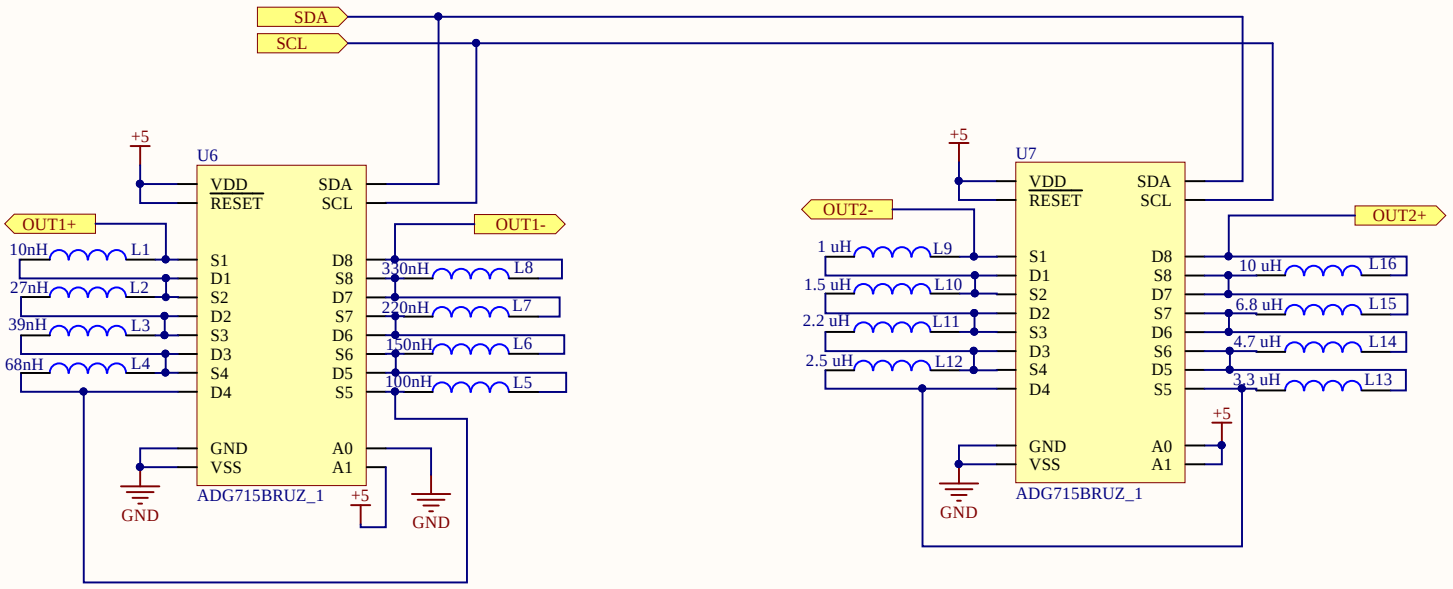
Connector

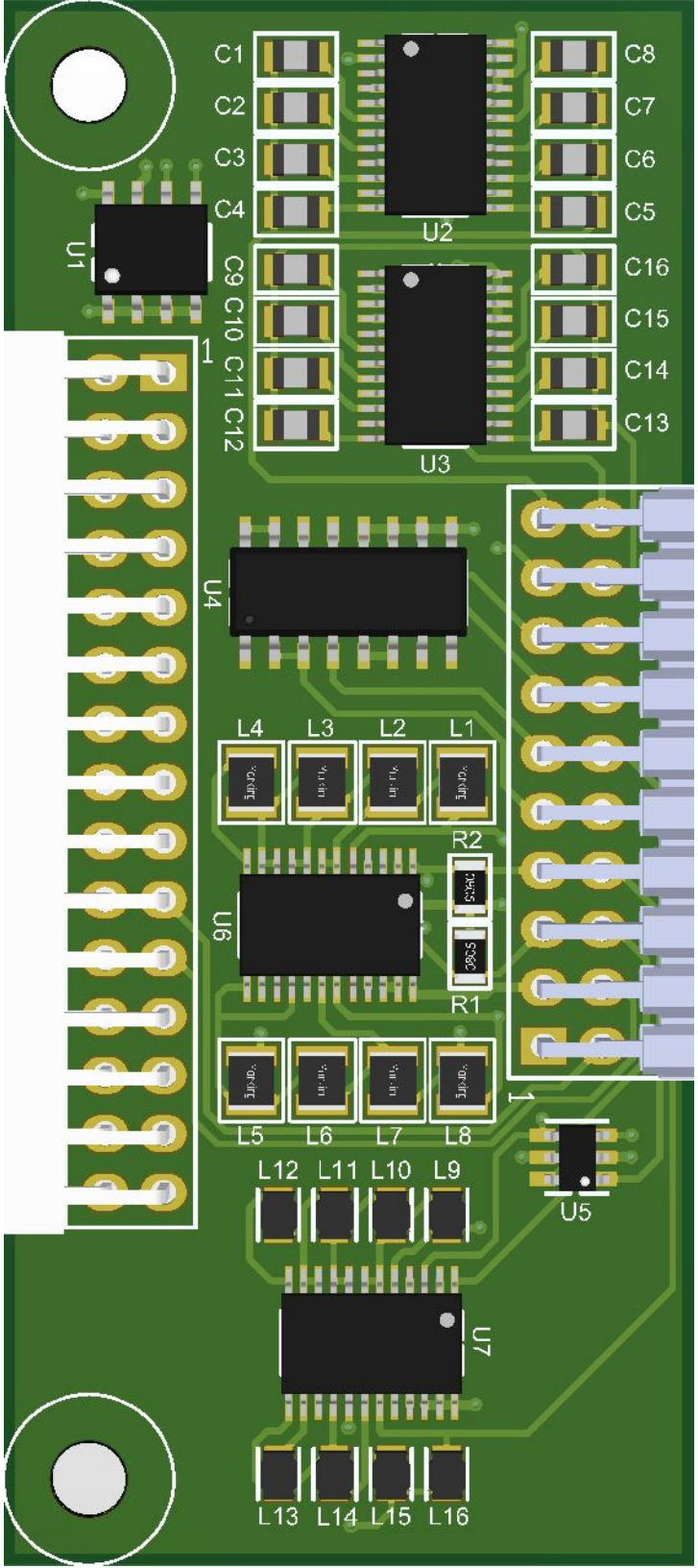
Mechanical

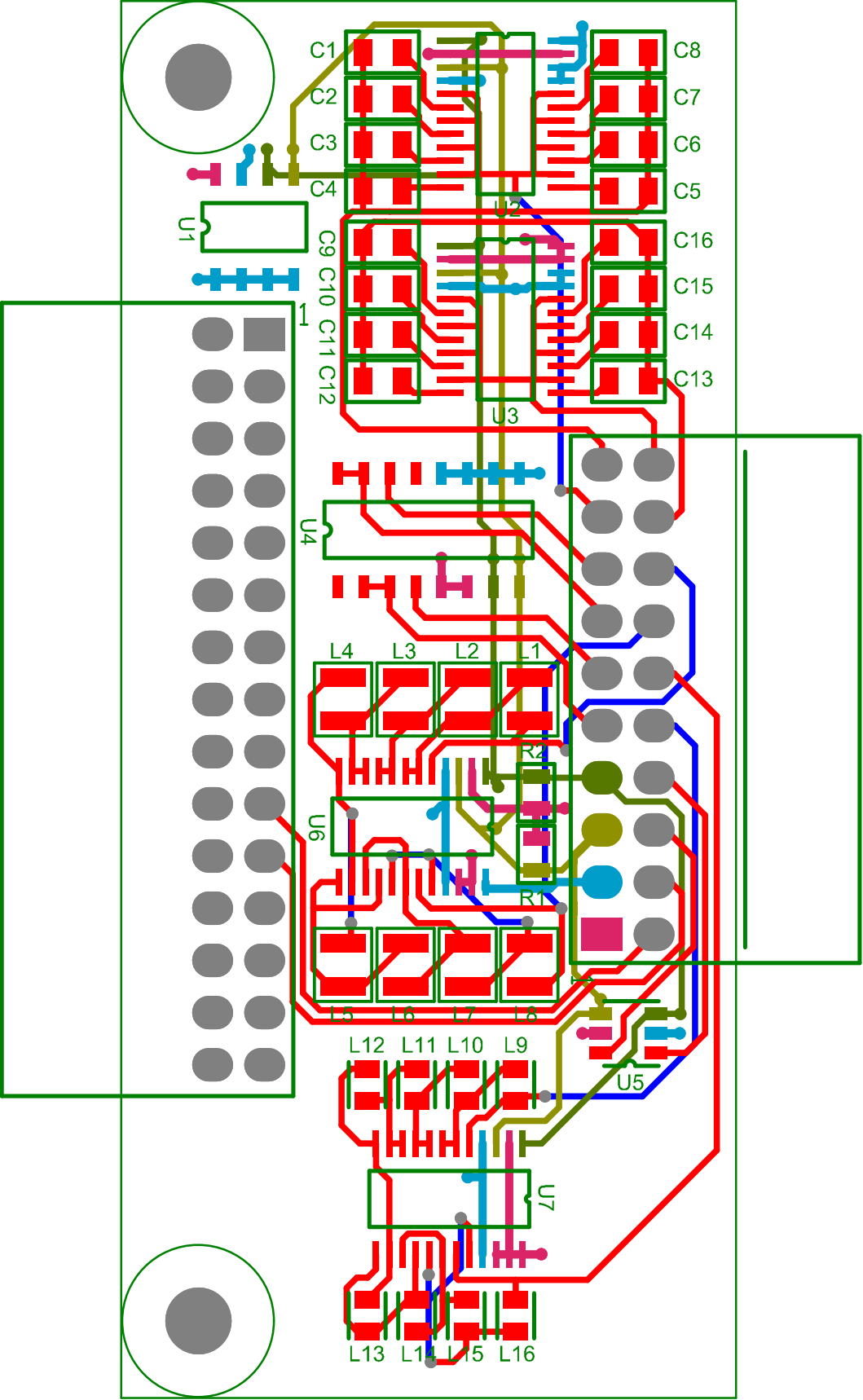
Capacitor Ladder

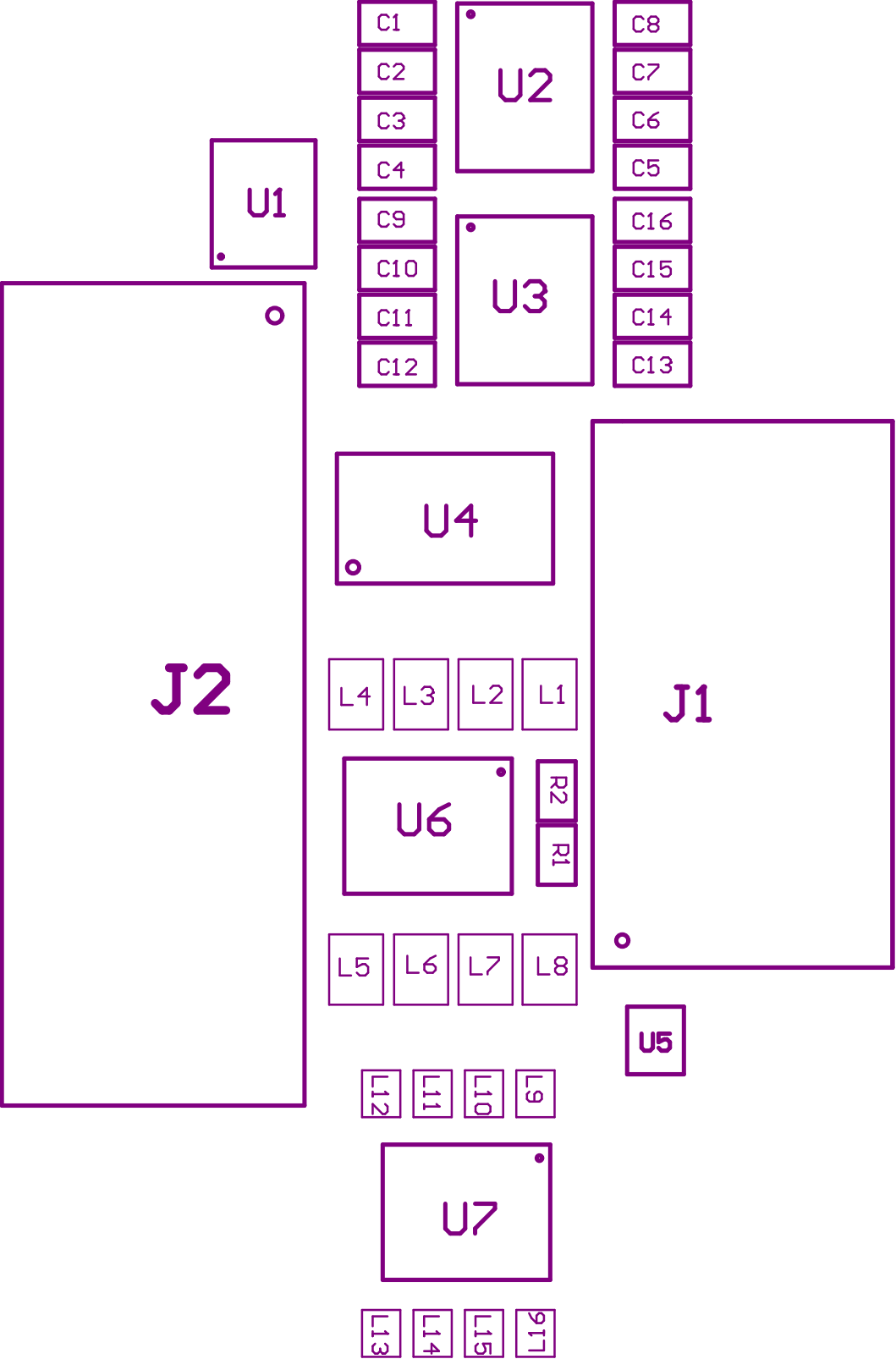


Inductor Ladder




C1
C2
C3
C4
C9
C10
C11
C12
C8
C7
C6
C5
C16
C15
C14
C13
U1
U2
U3
U4
U5
U6
U7
1
1
L4
L3
L2
L1
L5
L6
L7
L8
L12
L11
L10
L9
L13
L14
L15
L16
R2
R1


C1
C2
C3
C4
C8
C7
C6
C5
U1
U2
C9
C10
C11
C12
C16
C15
C14
C13
1
U3
U4
L4
L3
L2
L1
R2
R1
U6
L5
L6
L7
L8
L12
L11
L10
L9
U5
U7
L13
L14
L15
L16


C1
C2
C3
C4
U2
C8
C7
C6
C5
U1
C9
C10
C11
C12
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C16
C15
C14
C13
U4
J2
J1
L4
L3
L2
L1
U6
R2
R1
L5
L6
L7
L8
U5
L12
L11
L10
L9
U7
L13
L14
L15
L16

Comment	Description	Designator	Manufacturer 1	Manufacturer Lifecycle 1	Manufacturer Part Number 1	Quantity	Supplier 1	Supplier Currency 1	Supplier Order Qty 1	Supplier Part Number 1	Supplier Stock 1	Supplier Subtotal 1	Supplier Unit Price 1
100p	100p	C1				1							
200p	200p	C2				1							
330p	330p	C3				1							
470p	470p	C4				1							
1n	1n	C5				1							
2.2n	2.2n	C6				1							
3.3n	3.3n	C7				1							
4.7n	4.7n	C8				1							
10n	10n	C9				1							
22n	22n	C10				1							
33n	33n	C11				1							
47n	47n	C12				1							
100n	100n	C13				1							
220n	220n	C14				1							
330n	330n	C15				1							
470n	470n	C16				1							
PRPC010DBAN-M71RC	20 Positions Header, Unshrouded, Breakaway Connector 0.100" (2.54mm) Through Hole, Right Angle Gold	J1	Sullins	Volume Production	PRPC010DBAN-M71RC	1	Digi-Key	USD	1	S2111EC-10-ND	313	1.08	1.08
PPPC152LJBN-RC	CONN FMALE 30POS DL .1" R/A GOLD	J2	Sullins	Volume Production	PPPC152LJBN-RC	1	Digi-Key	USD	1	S5568-ND	1082	2.65	2.65
WE-KI, 744762110A	WE-KI SMD Wire Wound Ceramic Inductor, size 1008A, 10nH	L1	Wurth Electronics	Volume Production	744762110A	1	Digi-Key	USD	1	732-1808-6-ND	5209	0.5	0.5
WE-KI, 744762127A	WE-KI SMD Wire Wound Ceramic Inductor, size 1008A, 27nH	L2	Wurth Electronics	Volume Production	744762127A	1	Digi-Key	USD	1	732-1813-6-ND	9481	0.5	0.5
WE-KI, 744762139A	WE-KI SMD Wire Wound Ceramic Inductor, size 1008A, 39nH	L3	Wurth Electronics	Not Recommended for New Design	744762139A	1	Digi-Key	USD	1	732-1815-6-ND	3092	0.5	0.5
WE-KI, 744762168A	WE-KI SMD Wire Wound Ceramic Inductor, size 1008A, 68nH	L4	Wurth Electronics	Volume Production	744762168A	1	Digi-Key	USD	1	732-1818-6-ND	1383	0.5	0.5
WE-KI, 744762210A	WE-KI SMD Wire Wound Ceramic Inductor, size 1008A, 100nH	L5	Wurth Electronics	Volume Production	744762210A	1	Digi-Key	USD	1	732-1820-6-ND	1380	0.5	0.5
WE-KI, 744762215A	WE-KI SMD Wire Wound Ceramic Inductor, size 1008A, 150nH	L6	Wurth Electronics	Volume Production	744762215A	1	Digi-Key	USD	1	732-1822-6-ND	5159	0.5	0.5
WE-KI, 744762222A	WE-KI SMD Wire Wound Ceramic Inductor, size 1008A, 220nH	L7	Wurth Electronics	Volume Production	744762222A	1	Digi-Key	USD	1	732-1824-6-ND	3815	0.5	0.5
WE-KI, 744762233A	WE-KI SMD Wire Wound Ceramic Inductor, size 1008A, 330nH	L8	Wurth Electronics	Volume Production	744762233A	1	Digi-Key	USD	1	732-1826-6-ND	3606	0.44	0.44
1 uH	WE-LQS SMD Power Inductor, size 2010, 1 uH, 1.49 A	L9	Wurth Electronics	Unknown	74404020010	1	Digi-Key	USD	1	732-10739-6-ND	3956	0.56	0.56
1.5 uH	WE-LQS SMD Power Inductor, size 2010, 1.5 uH, 1.19 A	L10	Wurth Electronics	Unknown	74404020015	1	Digi-Key	USD	1	732-10740-6-ND	3928	0.56	0.56
2.2 uH	WE-LQS SMD Power Inductor, size 2010, 2.2 uH, 0.96 A	L11	Wurth Electronics	Unknown	74404020022	1	Digi-Key	USD	1	732-10741-6-ND	2998	0.56	0.56
2.5 uH	WE-LQS SMD Power Inductor, size 2010, 2.5 uH, 0.96 A	L12	Wurth Electronics	Unknown	74405020022	1	Digi-Key	USD	1	732-10770-6-ND	3997	0.63	0.63
3.3 uH	WE-LQS SMD Power Inductor, size 2010, 3.3 uH, 0.87 A	L13	Wurth Electronics	Unknown	74404020033	1	Digi-Key	USD	1	732-10742-6-ND	3784	0.56	0.56
4.7 uH	WE-LQS SMD Power Inductor, size 2010, 4.7 uH, 0.73 A	L14	Wurth Electronics	Unknown	74404020047	1	Digi-Key	USD	1	732-10743-6-ND	3398	0.56	0.56
6.8 uH	WE-LQS SMD Power Inductor, size 2010, 6.8 uH, 0.56 A	L15	Wurth Electronics	Unknown	74404020068	1	Digi-Key	USD	1	732-10744-6-ND	3550	0.56	0.56
10 uH	WE-LQS SMD Power Inductor, size 2010, 10 uH, 0.5 A	L16	Wurth Electronics	Unknown	74404020100	1	Digi-Key			732-10745-6-ND	0		
4.7k	4.7k	R1, R2				2							
AT24C256C-SSHL-B	ATMEL AT24C256C-SSHL-B EEPROM, 256 Kbit, 32K x 8bit, 1 MHz, Serial, SOIC, 8 Pins	U1	Microchip / Atmel	Volume Production	AT24C256C-SSHL-B	1	Digi-Key	USD	1	AT24C256C-SSHL-B-ND	1529	0.65	0.65
ADG715BRUZ	ANALOG DEVICES ADG715BRUZ Analogue Switch, Octal Channel, SPST, 8 Channels, 4.5 ohm, 2.7V to 5.5V, TSSOP, 24 Pins	U2, U3	Analog Devices	Volume Production	ADG715BRUZ	2	Digi-Key	USD	2	ADG715BRUZ-ND	1	12.24	6.12
AD52428RZ100	IC POT DGTL DUAL 256POS 16SOIC	U4				1	Digi-Key						
296-14461-1-ND	IC ADC 16-BIT I2C PROGBL SOT23-6	U5	Texas Instruments	Volume Production	ADS1110A7IDBVT	1	Digi-Key	USD	1	296-14468-6-ND	470	6.46	6.46
ADG715BRUZ_1	ANALOG DEVICES ADG715BRUZ Analogue Switch, Octal Channel, SPST, 8 Channels, 4.5 ohm, 2.7V to 5.5V, TSSOP, 24 Pins	U6, U7	Analog Devices	Volume Production	ADG715BRUZ	2	Digi-Key	USD	2	ADG715BRUZ-ND	1	12.24	6.12