

1

2

3

4

A

B

C

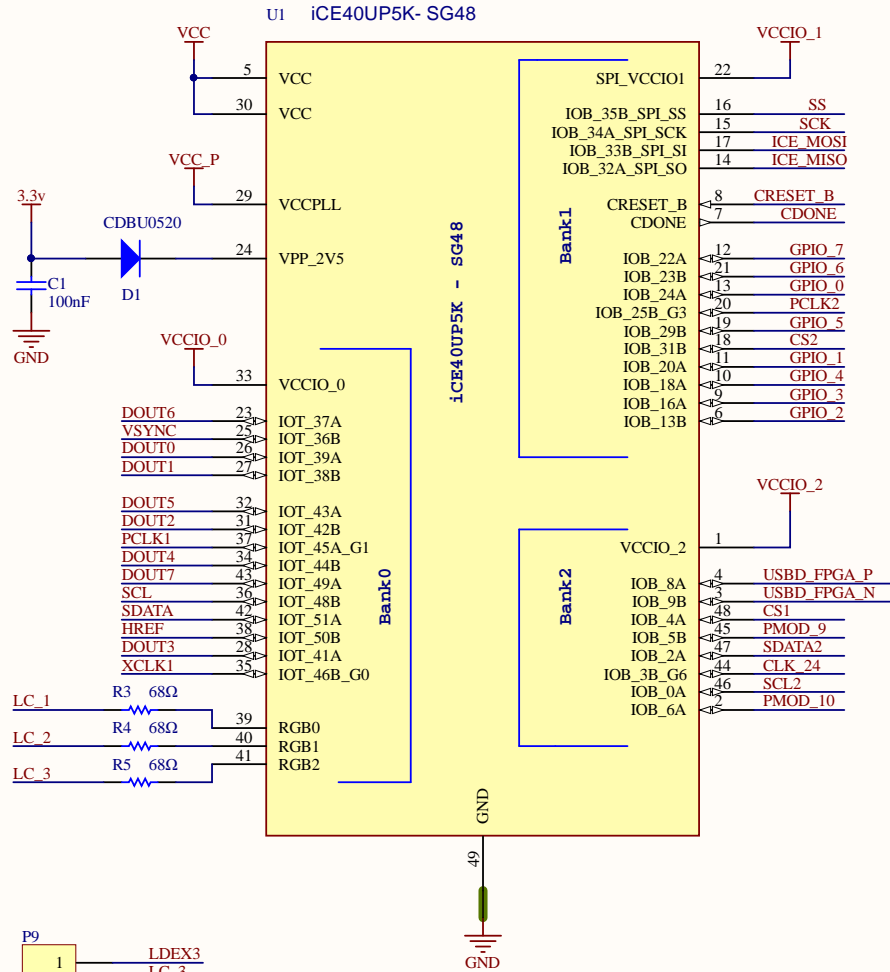
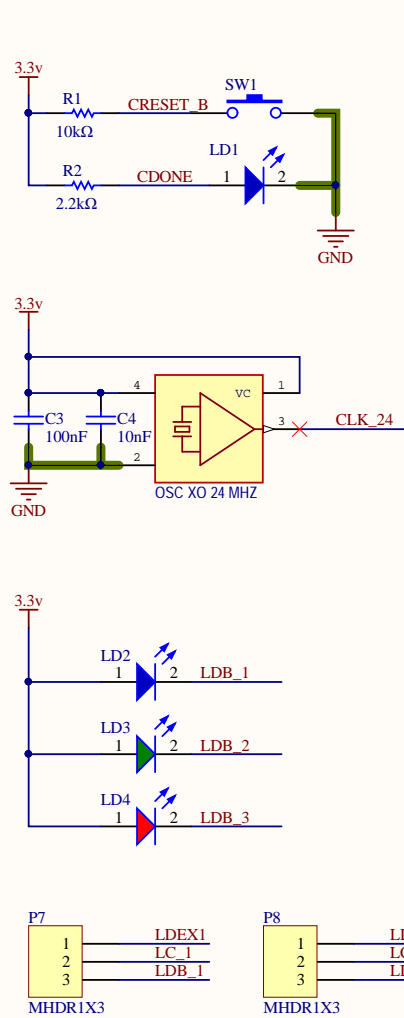
D

A

B

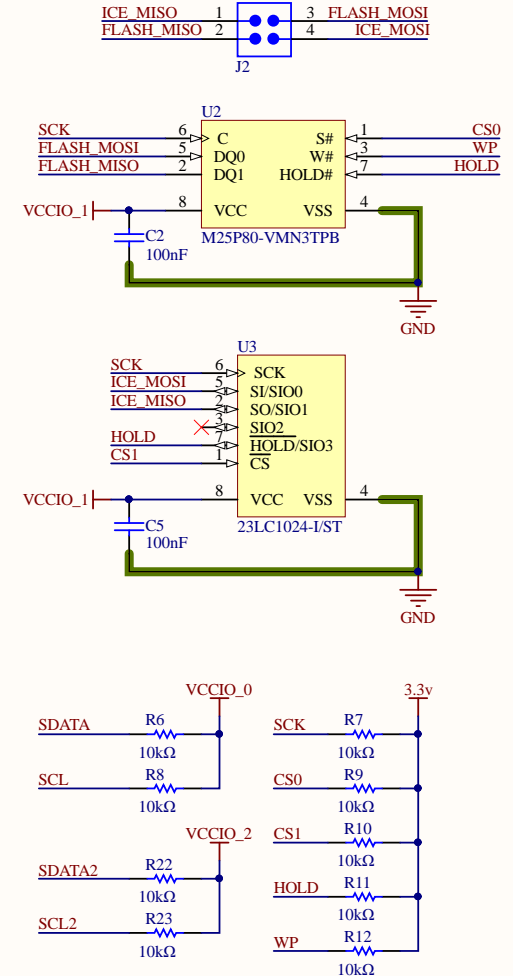
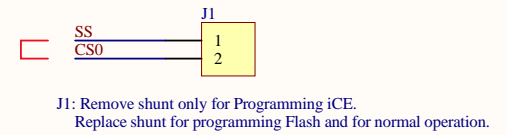
C

D



For programming Flash - Shunt 1,3 and 2,4 (default)

For programming iCE - Shunt 3,4 and 1,2

Title **iCEVision - FPGA**Size: **A4**

Number:

Revision:1

Date: 2/27/2018

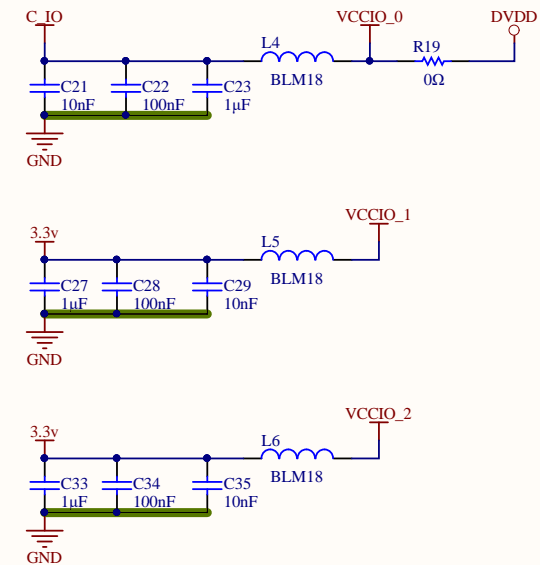
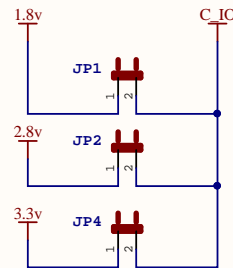
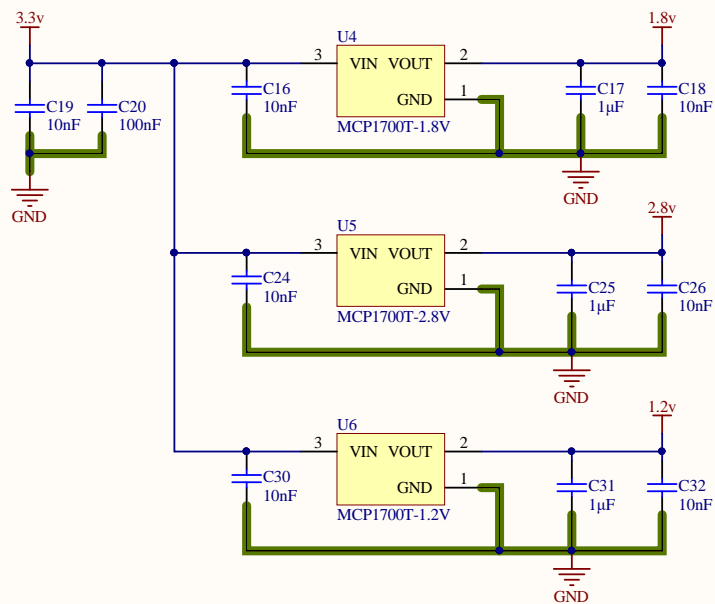
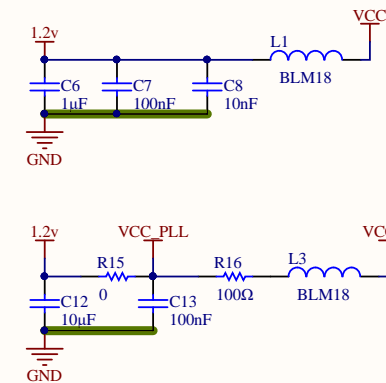
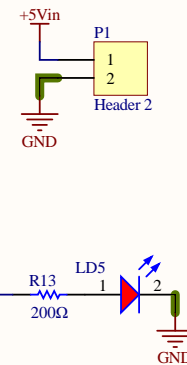
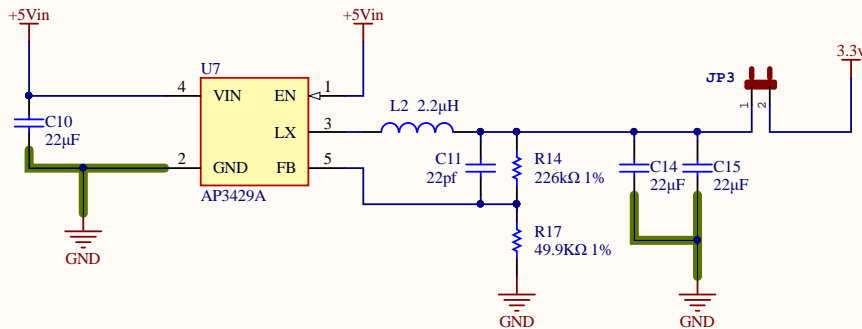
Time: 11:33:27 AM


Sheet 1 of 3

File: C:\Users\mvigl\Desktop\iCEVision_BOM\iCE_Vision (09-01-2018 08-54-08)\FPGA.SchDoc

DPControl srl
via Napoli, 55
84014 - Nocera Inf.re
Salerno
Italy





Title <i>iCEVision - Power</i>			DPCControl srl via Napoli, 55 84014 - Nocera Inf.re Salerno <i>Italy</i>	
Size: A4	Number:	Revision:1		
Date: 2/27/2018	Time: 11:33:28 AM	Sheet 2 of 3		
File: C:\Users\mvigl\Desktop\iCEVision_BOM\iCE_Vision (09-01-2018 08-54-08)\POWER.SchDoc				



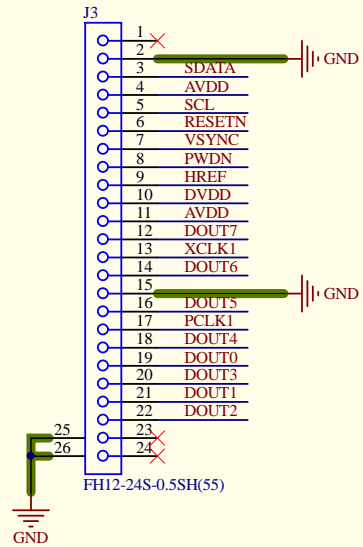
1

2

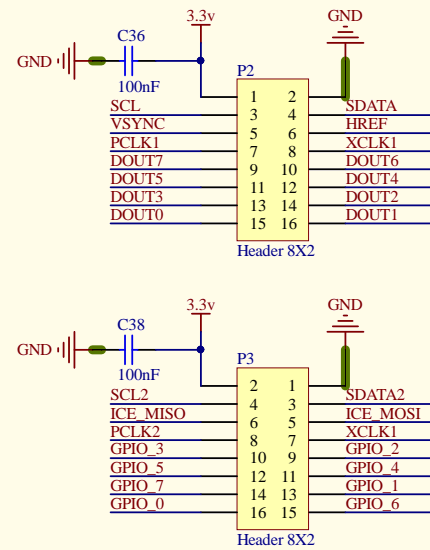
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4

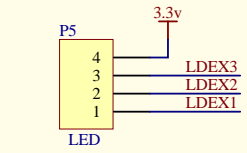
FPC_IDC_CAM



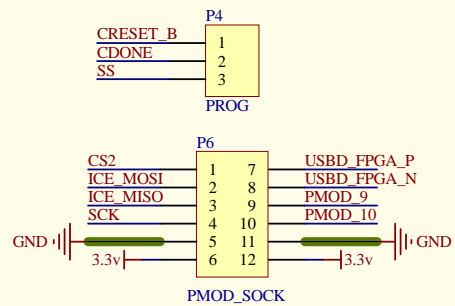
DUAL ARDUCAM



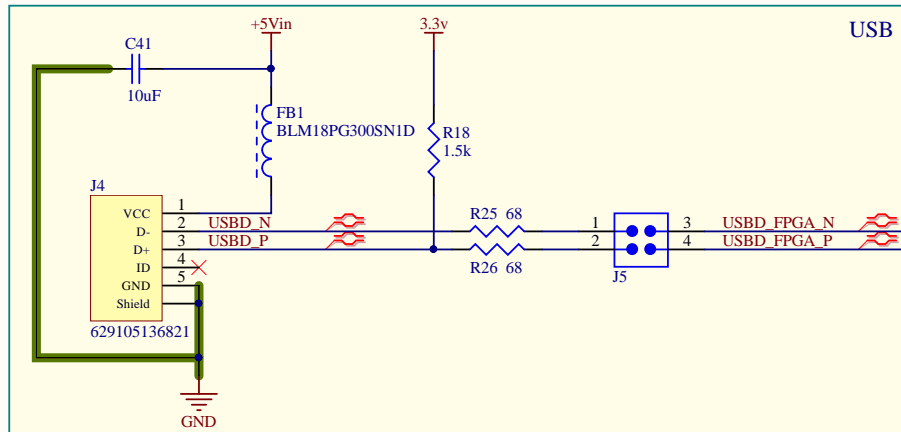
LED



PROG PMOD



USB

Title **iCEVision - Headers**Size: **A4**

Number:

Revision:1

Date: 2/27/2018

Time: 11:33:28 AM

Sheet 3 of 3

File: C:\Users\mvigl\Desktop\iCEVision_BOM\iCE_Vision (09-01-2018 08-54-08)\HEADER.SchDoc

DPControl srl
via Napoli, 55
84014 - Nocera Inf.re
Salerno
Italy

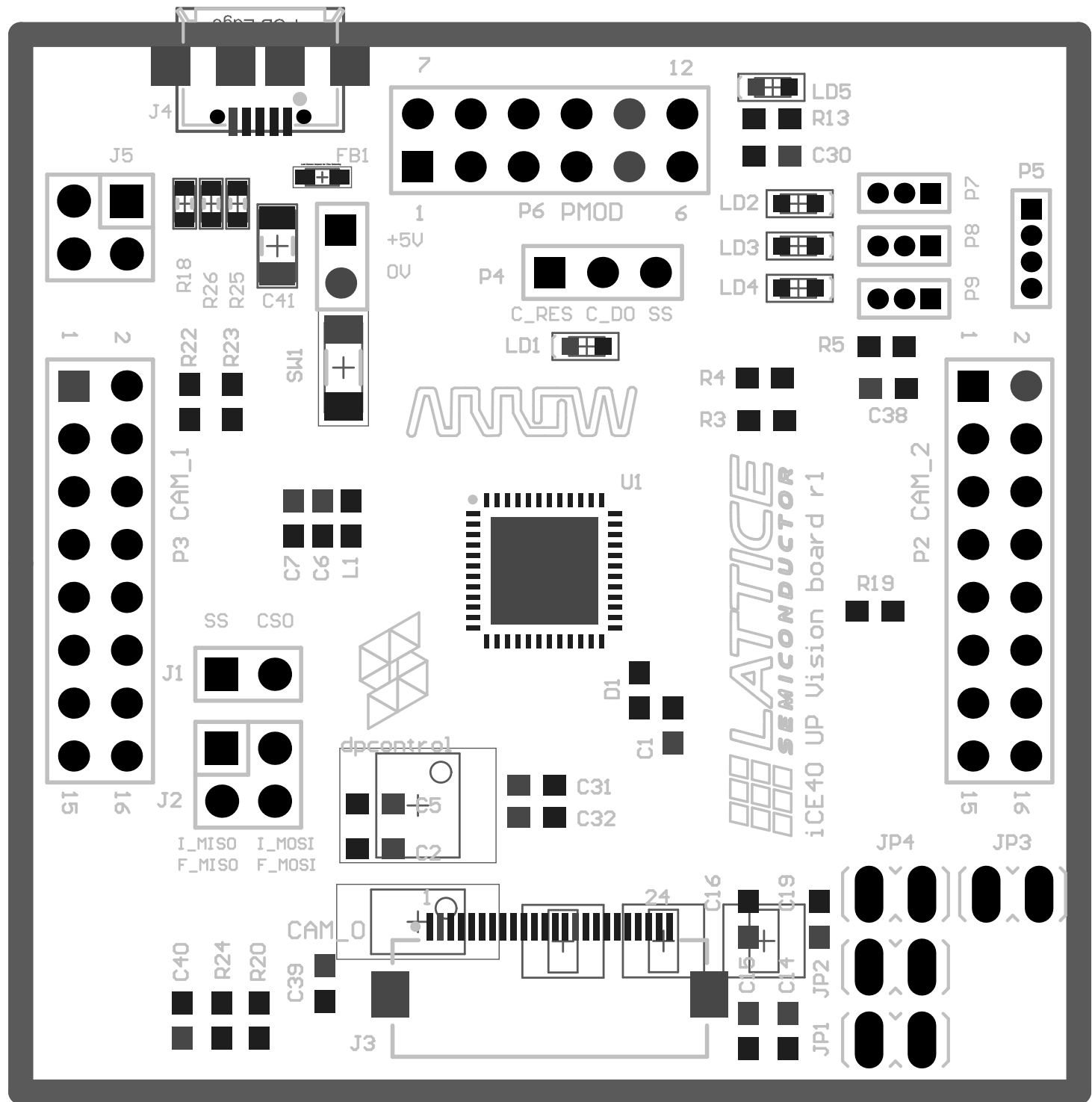


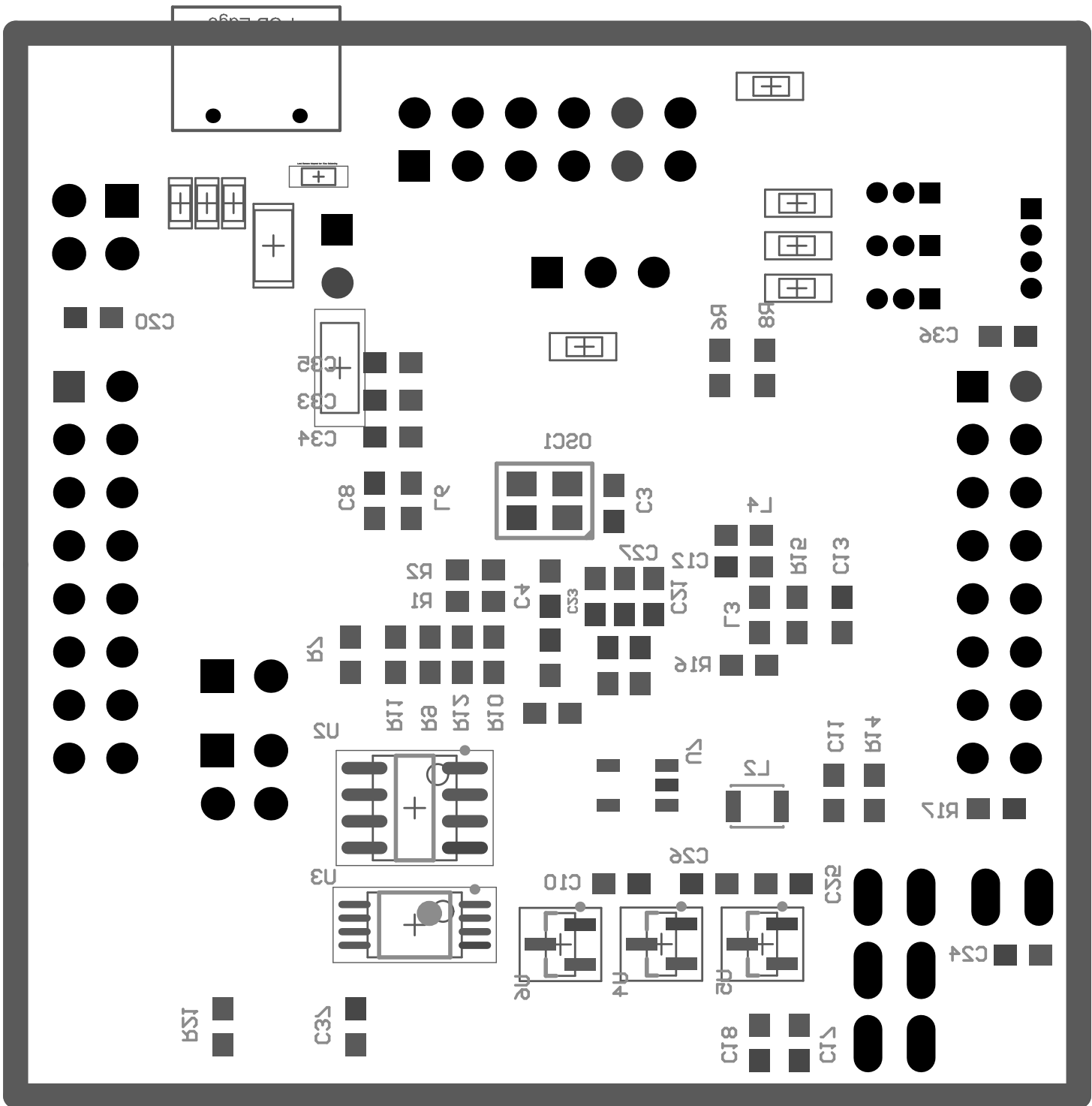
1

2

3

4





Item #	mn Name Error:Manufa	#Column Name Error:Manufacturer No	Quantity	#Column Name Error:Note	Designator	Description	Column Name Error:Footpri	#Column Name Error:Comment	LibRef
1			15		C1, C2, C3, C5, C7, C13, C20, C22, C28, C34, C36, C37, C38, C39, C40	Ceramic Chip Capacitor - Standard			C0603
2			12		C4, C8, C16, C18, C19, C21, C24, C26, C29, C30, C32, C35	Ceramic Chip Capacitor - Standard			C0603
3			7		C6, C17, C23, C25, C27, C31, C33	Ceramic Chip Capacitor - Standard			C0603
4			3		C10, C14, C15	Ceramic Chip Capacitor - Standard			C0603
5			1		C11	Ceramic Chip Capacitor - Standard			C0603
6			1		C12	Ceramic Chip Capacitor - Standard			C0603
7			1		C41	Capacitor (Semiconductor SIM Model)			Cap Semi
8			1		D1	Default Diode			Diode
9			1		FB1	Chip Ferrite Bead for Power Lines, 30 Ohm, 1000 mA, -55 to 125 degC, 1.6 x 0.8 x 0.95 mm SMD, Tape and Reel			CMP-0686-00572-2
10			1		J1	WR-PHD 2.54mm Pin Header			WE-2.54 mm Pin Header & Jumper 61300211121
11			2		J2, J5	WR-PHD 2.54 mm Dual Pin Header			WE-2.54 mm Pin Header & Jumper 61300421121
12			1		J3	FH12 Series, "Flip-Lock" SMT/ZIF FFC/FPC Connector - 0.5mm Spaced Bottom Contact			CL586-0521-0
13			1		J4	Micro USB 2.0 SMT Type B Horizontal 5 Contacts WR-COM			629105136821
14			4		JP1, JP2, JP3, JP4				JP1E
15			5		L1, L3, L4, L5, L6	Inductor			Inductor1
16			1		L2	Inductor			Inductor1
17			2		LD1, LD2	SMD mono-color Chip LED, WL-SMCW, Blue			WL-SMCW 0603 150060BS75000
18			1		LD3	SMD mono-color Chip LED, WL-SMCW, Green			WL-SMCW 0603 150060GS75000
19			2		LD4, LD5	SMD mono-color Chip LED, WL-SMCW, Red			WL-SMCW 0603 150060RS75000
20			1		OSC1				TCXD-CFPT-9301
21			1		P1	Header, 2-Pin			Header 2
22			2		P2, P3	Header, 8-Pin, Dual row			Header 8X2
23			1		P4	Header, 3-Pin			Header 3
24			1		P5	Header, 4-Pin			MHDR1X4
25			1		P6	Header, 6-Pin, Dual row			Header 6X2A
26			3		P7, P8, P9	Header, 3-Pin			MHDR1X3
27			12		R1, R6, R7, R8, R9, R10, R11, R12, R20, R22, R23, R24	Precision Thick Film Chip Resistor, 10 Ohm to 1M Ohm Range, 1% and 0.5% Tolerance, 0603 Size, 0.063 W			ERJ3EK
28			1		R2	Precision Thick Film Chip Resistor, 10 Ohm to 1M Ohm Range, 1% and 0.5% Tolerance, 0603 Size, 0.063 W			ERJ3EK
29			3		R3, R4, R5	Precision Thick Film Chip Resistor, 10 Ohm to 1M Ohm Range, 1% and 0.5% Tolerance, 0603 Size, 0.063 W			ERJ3EK
30			1		R13	Precision Thick Film Chip Resistor, 10 Ohm to 1M Ohm Range, 1% and 0.5% Tolerance, 0603 Size, 0.063 W			ERJ3EK
31			1		R14	226k ohm 1% Tolerance, 0603 Size, 0.063 W			ERJ3EK
32			3		R15, R19, R21	Precision Thick Film Chip Resistor, 10 Ohm to 1M Ohm Range, 1% and 0.5% Tolerance, 0603 Size, 0.063 W			ERJ3EK
33			1		R16	Precision Thick Film Chip Resistor, 10 Ohm to 1M Ohm Range, 1% and 0.5% Tolerance, 0603 Size, 0.063 W			ERJ3EK
34			1		R17	Precision Thick Film Chip Resistor, 10 Ohm to 1M Ohm Range, 1% and 0.5% Tolerance, 0603 Size, 0.063 W			ERJ3EK
35			1		R18	Resistor			Res3
36			2		R25, R26	Resistor			Res3
37			1		SW1	Tact Switch			SW-PB
38			1		U1				ICE40UP5K- SG48
39			1		U2	8 Mb (x1) Automotive Serial NOR Flash Memory, 75 MHz, 2.7 to 3.6 V, 8-pin SO8 Narrow (MN), Tape & Reel			M25P80-VMN3TPB
40			1		U3	1024K bits SPI Serial SRAM with SDI and SQI Interface, 2.5 to 5.5 V, 20 MHz, -40 to 85 degC, 8-pin TSSOP (ST8), Tube			23LC1024-I/ST
41			1		U4	Low Quiescent Current LDO, 3-Pin SOT-23, Extended Temperature, Tape and Reel			MCP1700T-5002E/TT
42			1		U5	Low Quiescent Current LDO, 3-Pin SOT-23, Extended Temperature, Tape and Reel			MCP1700T-5002E/TT
43			1		U6	Low Quiescent Current LDO, 3-Pin SOT-23, Extended Temperature, Tape and Reel			MCP1700T-5002E/TT
44			1		U7				AP3429A

