

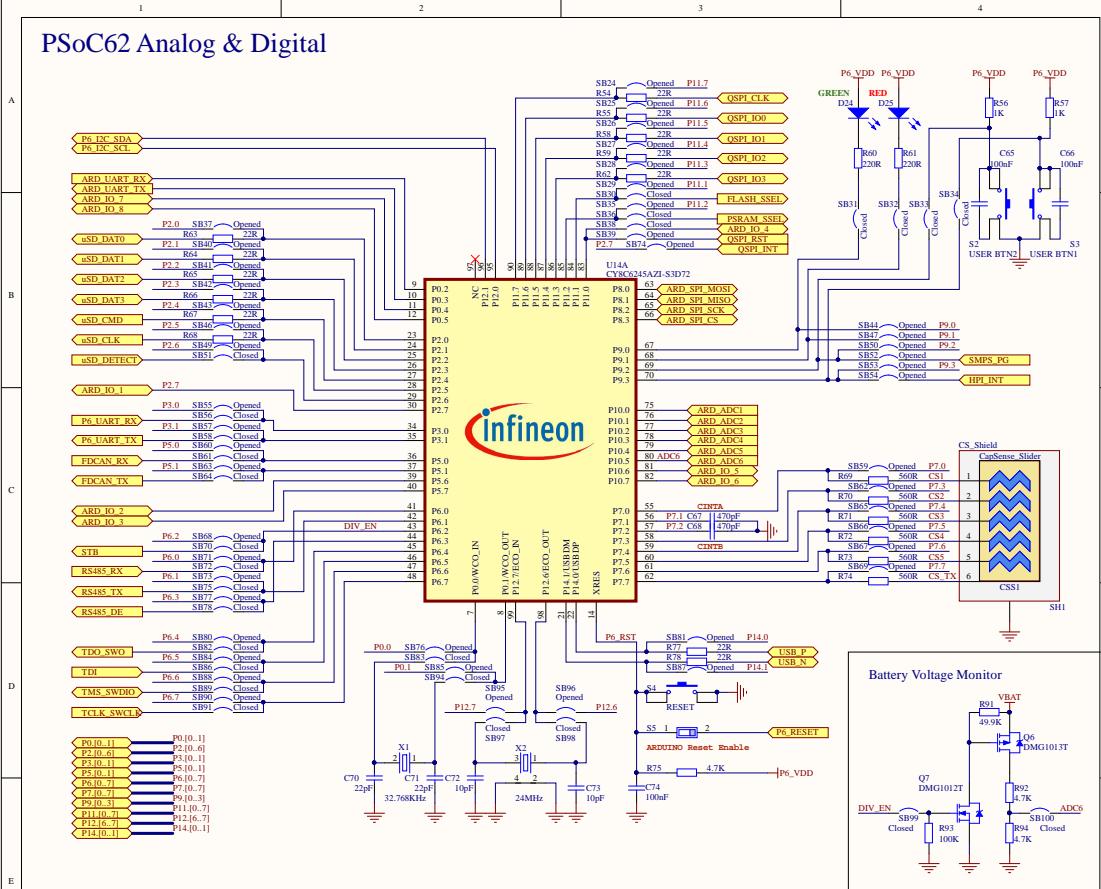
Title *Schematics Layout*

Size: A4	Revision: Rev. 2	Drawn By: GDR
Date: 2023-02-02	Sheet 1 of 6	Time: 09:17:13

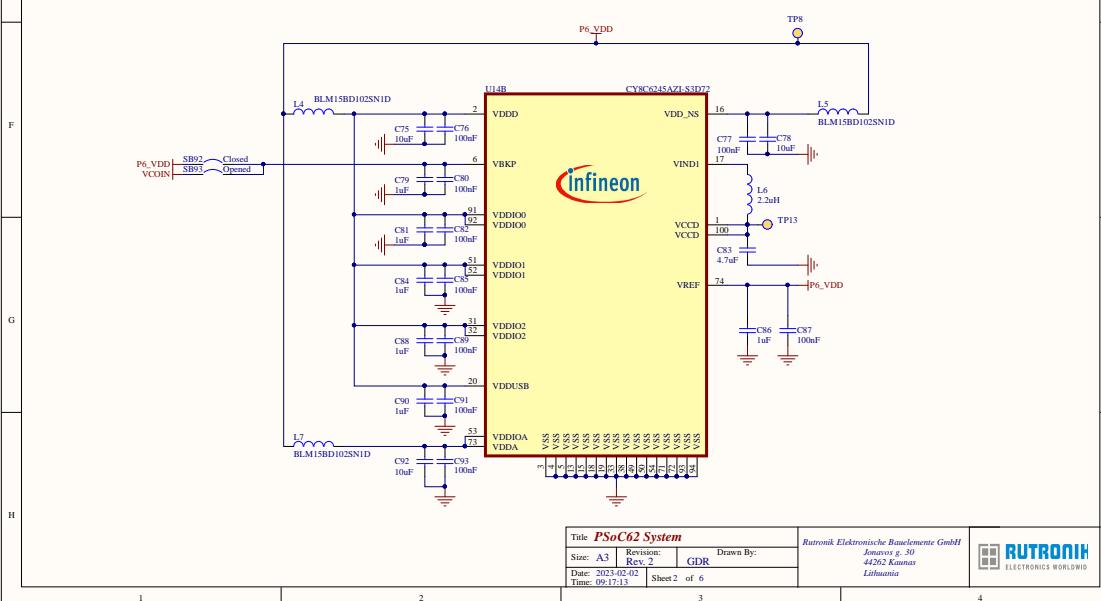
Rutronik Elektronische Bauelemente GmbH
Jonavos g. 30
44262 Kaunas
Lithuania



PSoC62 Analog & Digital

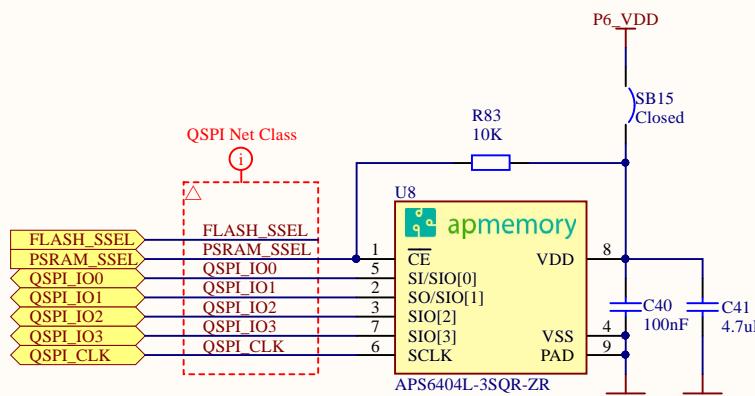


PSoC62 Power Supply

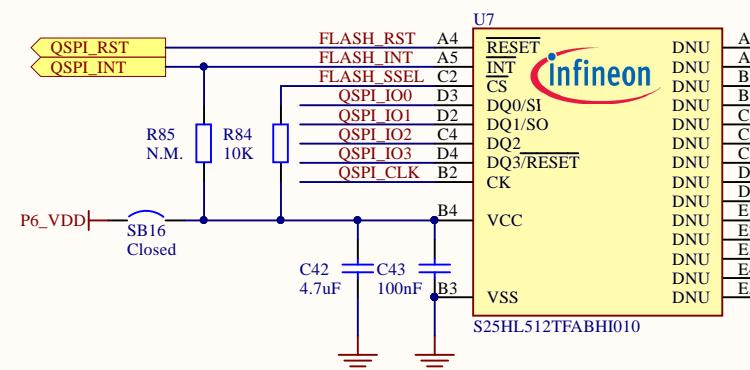


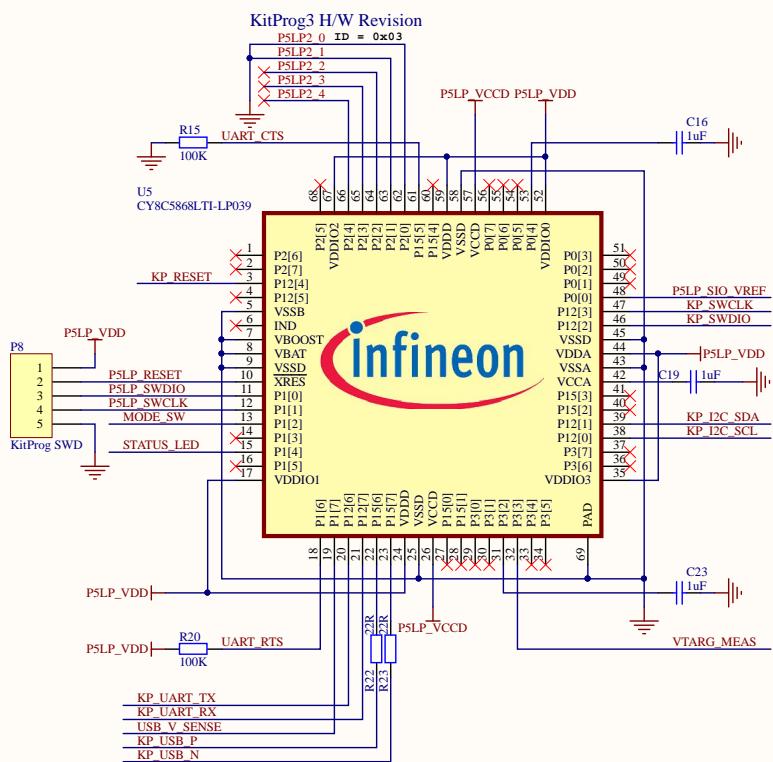
A

QSPI PSRAM

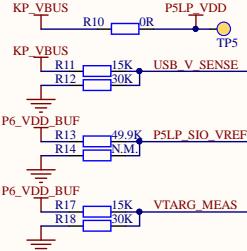


QSPI Secure Flash

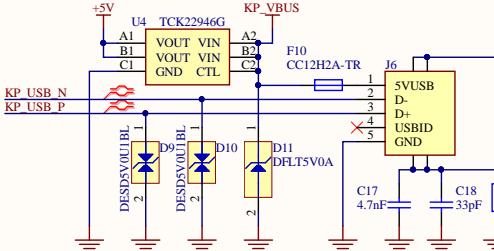




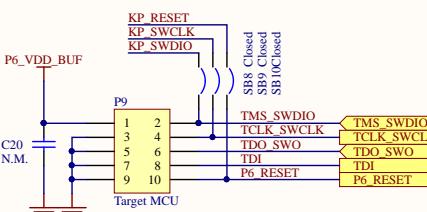
Voltage Monitoring & Power



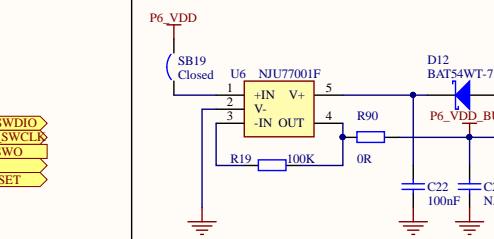
KitProg USB Interface



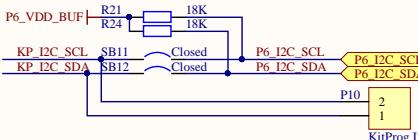
JTAG & SWD Header



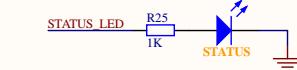
Target Voltage Follower



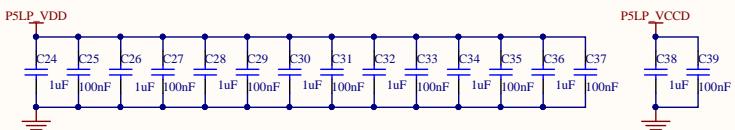
KitProg I2C Interface



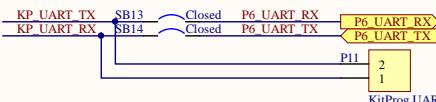
KitProg Status LED



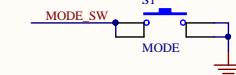
PSoC 5LP Decoupling Capacitors

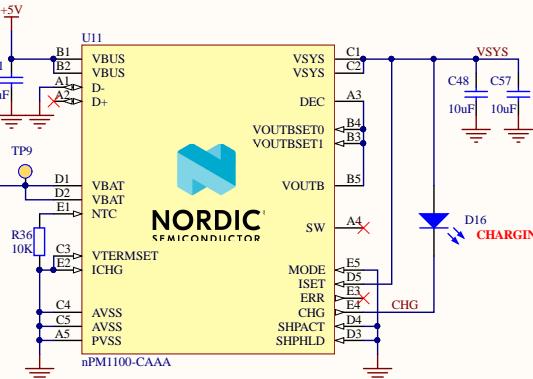
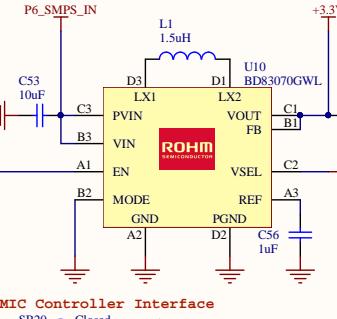
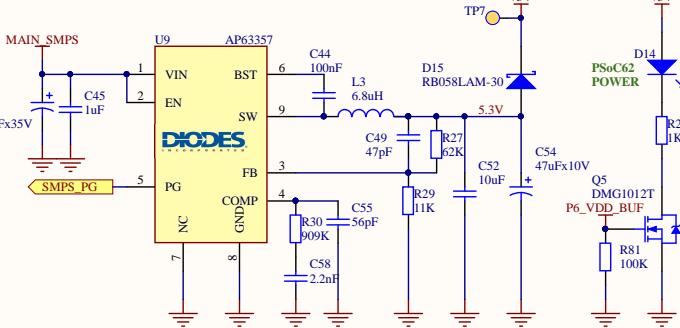


KitProg UART Interface

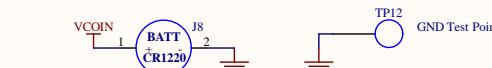
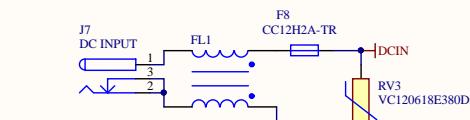
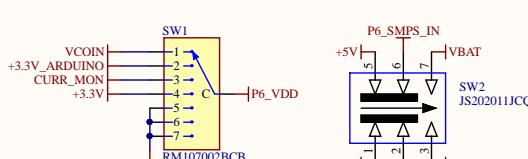
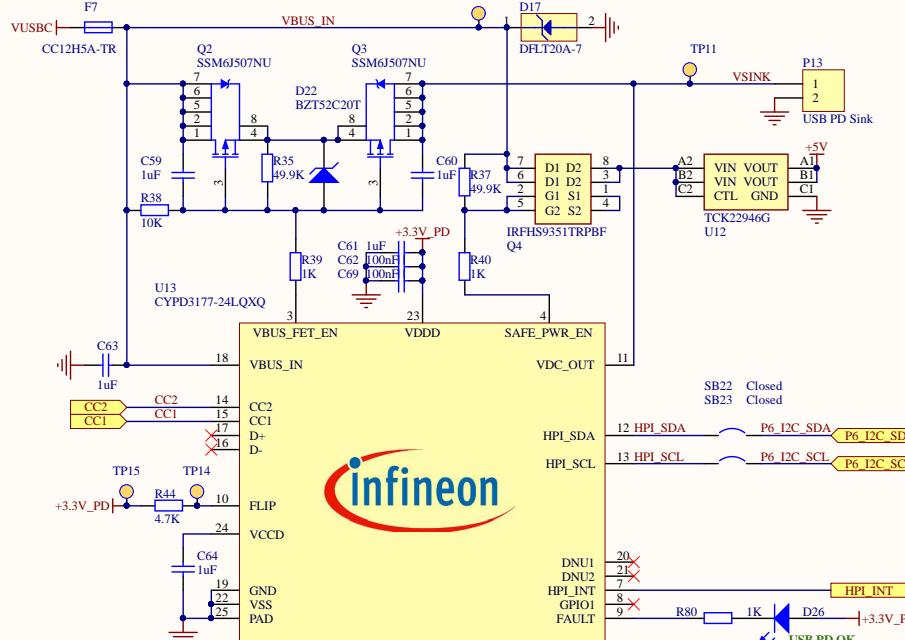


Mode Switch

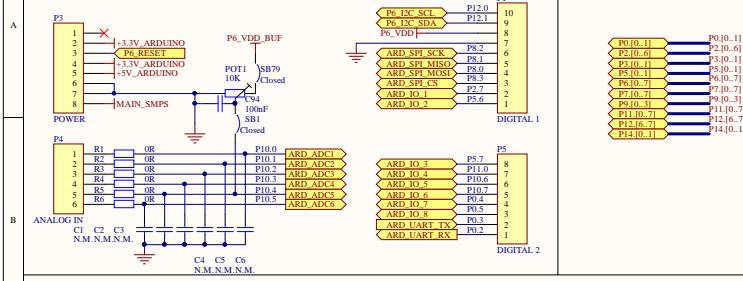




USB-C Power Delivery Sink Device



Arduino

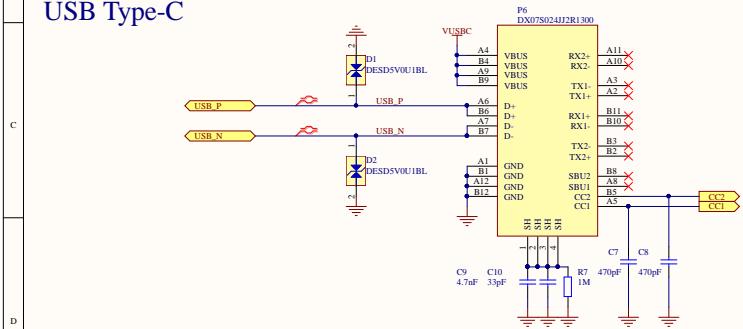


GPIO Headers

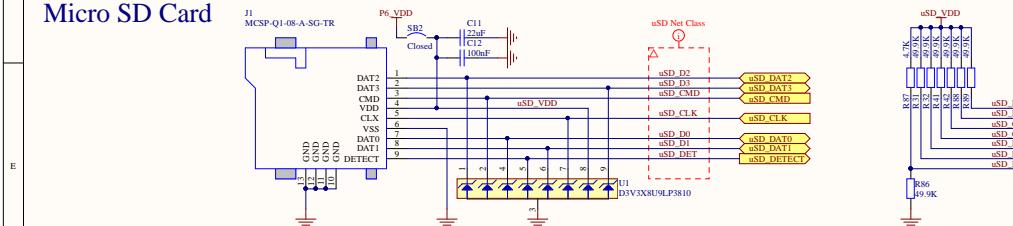
P2	P2.0	P2.1	P2.2	P2.3
P2.0	1	2	3	4
P2.2	3	4	5	6
P2.6	7	8	9	10
P2.5	9	10	11	12
P1.1	11	12	13	14
P1.5	13	14	15	16
P1.4	15	16	17	18
P0.7	17	18	19	20
P1.7	19	20	P12.6	
P12.7				

P14	P14.0..11	P14.10..11	P14.10..11	P14.10..11
P7.1	2	3	4	P9.0
P7.2	3	4	5	P9.1
P9.3	5	6	7	P9.3
P7.6	7	8	9	P7.0
P7.5	9	10	11	P5.0
P7.4	11	12	13	P5.2
P3.0	13	14	15	P6.6
P6.0	15	16	17	P5.1
P6.4	17	18	19	P6.3
P9.4	19	20	21	P5.4
P6.1	21	22	23	P6.7
P6.2	23	24		

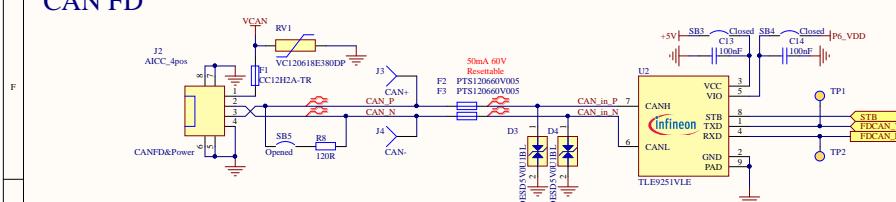
USB Type-C



Micro SD Card



CAN FD



RS485

