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Revisions

Rev	Description	Date	Approved
X1	Initial Design based on PCA9420UK-EVM board	04/27/2022	J. Romero
X2	Several parts updated	05/24/2022	J. Romero
A	Final release	09/23/2022	J. Romero
AX1	Several parts updated	02/24/2023	J. Romero
B	Final release	03/07/2023	J. Romero
BX1	-C14 changed to DNP. -J5, J8, R8, R42 & U6 pin 1 and pin 5 updated connections. L1, L5, L6 & L7 footprint updated . -J10, J11, J21, J23, J30-J39, J43-J44, J50, TP15, TP26 & TP27 removed. -D3-D5, R11, SJ1-SJ26 & U9 added. -J10 changed from 3 pin HDR to 2pin HDR. -J28 jumper default changed from 1-2 to 2-3. -R9 value changed from 68 to 91 ohms.	09/25/2023	J. Romero
C	Final release	10/10/2023	J. Romero
CX1	- R15, R16 removed - C100-C102 added - SJ27-SJ29 added - SJ16.1 connection update - SJ17.1 connection update - J8 changed from open to closed 1-2 - J1-J4 part number changed	07/22/2024	J. Romero
D	J1-J4 & U7 updated part number Final release	08/12/2024	J. Romero
D1	J14 default setting changed	10/09/2024	J. Romero
DX2	J3 connections updated	12/17/2024	J. Romero
E	Final release	01/02/2025	J. Romero
EX1	- Added TP6, J29 & J30. - J8, J40, J41, J42, J46 & J47 changed default jumper position. - VPU signal split into VPU_AO & VPU_IO	03/06/2025	J. Romero
F	- Removed SJ27, U9, D3, D4 & D5. Replaced APN of C7, C8, C84, C88, C93, C95 & C97. - Rearrange signals of J6, Pins swapped of J45. Changed silk property of: TP26. - Renamed some nets: LX1, LX2, LX3, LX4A & LX4B. - Changed silk property of: J8, J29, J30, J46 & J47. Connection swapped of: J14, J28 & J29. Final release.	05/14/2025	J. Romero
F1	Changed U7 to 315-80122	06/25/2025	J. Romero
F2	Updated 15, L6 & L7.	10/13/2025	J. Romero

PCA9422-EVB
PCA9422 (PMIC) Evaluation Board

Advanced Analog
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Designer: Juan Carlos Becerra	Drawing Title: PCA9422-EVB		
Drawn by: Diego Garay	Page Title: Title Page		
Approved: Juan Romero	Size C	Document Number SCH-54867 PDF: SPF-54867	Rev F2
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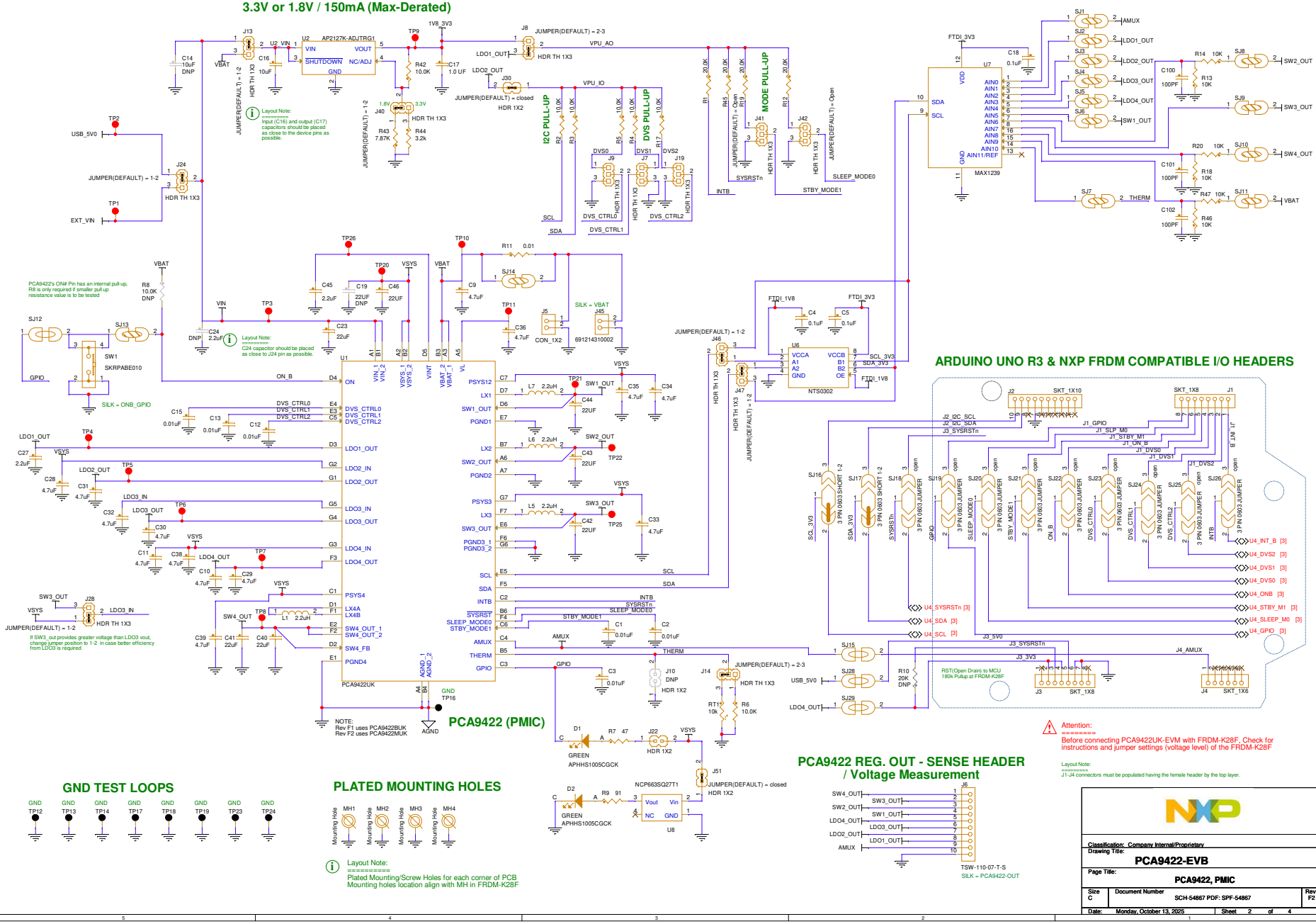
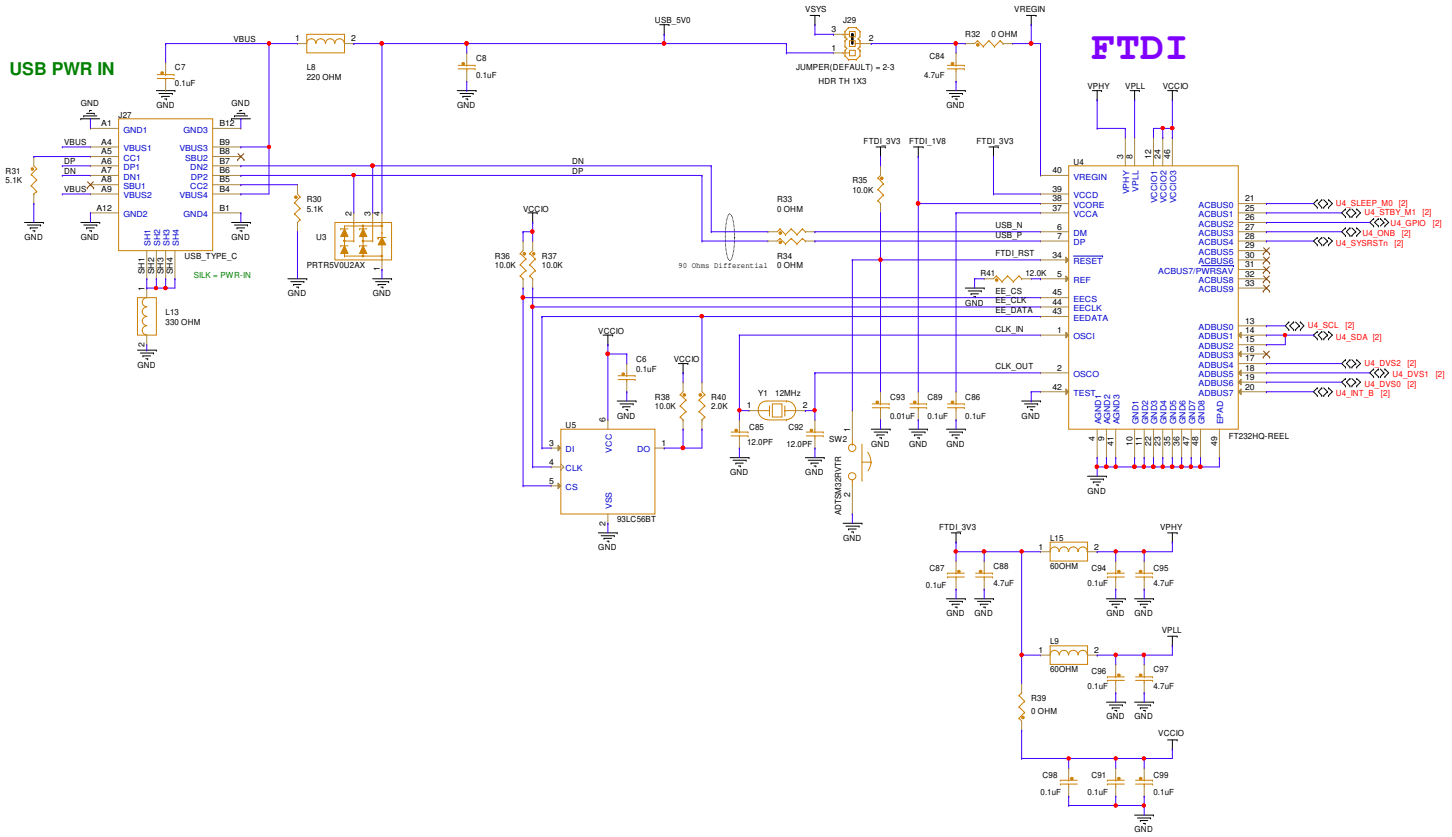
PCA9422 (PMIC) EVALUATION CIRCUIT INTERFACE



PCA9422 (PMIC) USB TO I2C CIRCUIT INTERFACE



Classification: Company Internal/Proprietary	
Drawing Title:	PCA9422-EVB
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REF DES	*JUMPER(DEFAULT)*	*PAGE NAME*
J13,J24,J28,J40,J46,J47	1-2	02 PMIC
J8,J14	2-3	02 PMIC
J7,J9,J19,J41,J42	Open	02 PMIC
J30,J51	closed	02 PMIC
J22	open	02 PMIC
J29	2-3	03 I2C INTERFACE

REF DES	*ASSY_OPT*	*PAGE NAME*
C14,C19,C24,J10,R8,R10	DNP	02 PMIC

REF DES	*SHORT(DEFAULT)*	*PAGE NAME*
SJ16,SJ17	1-2	02 PMIC
SJ1,SJ2,SJ3,SJ4,SJ5,SJ6,SJ7, SJ8,SJ9,SJ10,SJ11,SJ13,SJ14	closed	02 PMIC
SJ12,SJ15,SJ18,SJ19,SJ20, SJ21,SJ22,SJ23,SJ24,SJ25, SJ26,SJ28,SJ29	open	02 PMIC

+ Kit will include additional jumpers (shunts) for open headers for further applications

+ All SJs parts are solder blob jumpers

Classification: Company Internal/Proprietary

Drawing Title: **PCA9422-EVB**

Page Title: **DNP/JUMPER/SHORT TABLES**

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