

ATM3325 EVALUATION BOARD (with J-Link OB)

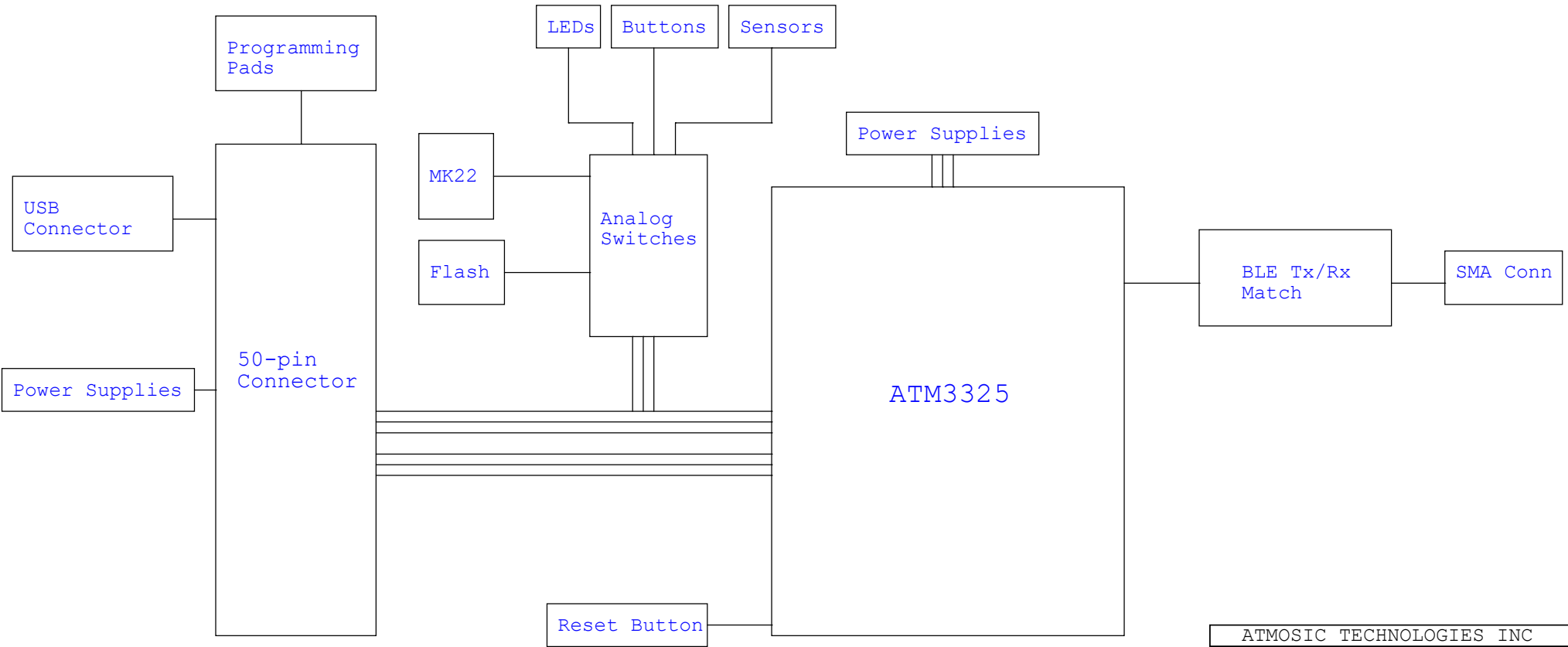
Release Date	Revision	Design Eng.	Design Notes
6/23/22	-2.0	Joe Chen	Initial release
8/8/22	-2.1	Joe Chen	Updated RFIO match, C21=1.8pF, C30=3pF, L12=2nH Updated VAUX cap C5 from 1uF to 4.7uF Updated R69 from NL to 10Kohm(0402) Updated SB131 from NL to 0ohm(0402)
1/3/23	-3.0	Joe Chen	Updated RFIO match, L11:4.7nH, C21:2pF, L12:2.4nH, C20:1.2pF Added R100=0ohm between P13 and U7 Changed SB131 from 0 to Short Added R104 between VCCIO and COINCELL Remove TP25 and added R107=0ohm for P25 to LED3 Added SB144(short) between R13(VDDPA) and VDDIOP
3/31/23	-3.1	Afan Lin	Modified the description for C12
10/29/25	-3.2	Andy Dao	Changed C5 (VAUX) and C6 (VDDIOP) to 10uF

Atmosic Technologies, Inc

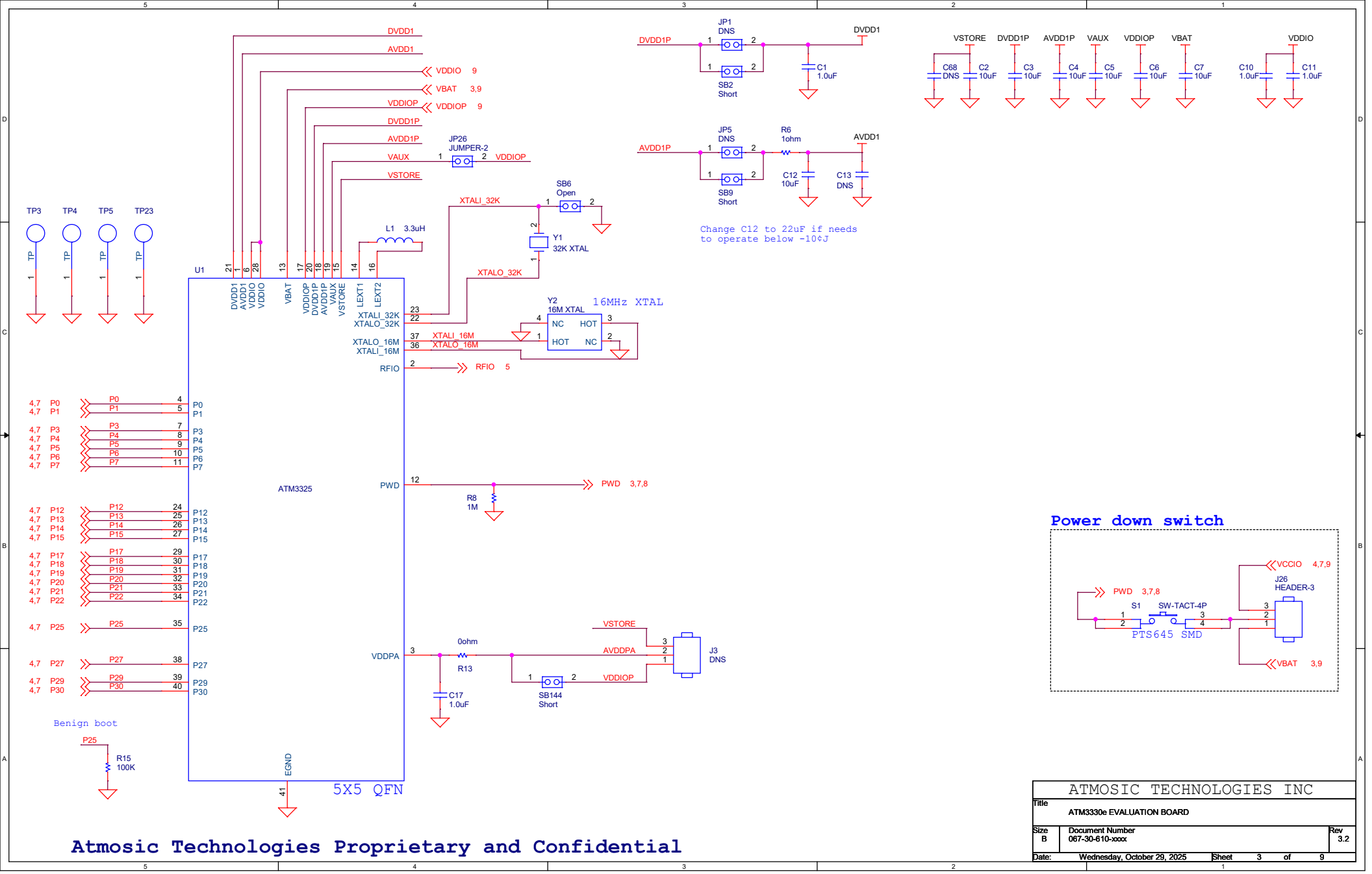
ATMOSIC TECHNOLOGIES INC		
Title ATM3325 EVALUATION BOARD		
Size B	Document Number 067-30-610-xxxx	Rev 3.2
Date:	Wednesday, October 29, 2025	Sheet 1 of 9

Atmosic Technologies Proprietary and Confidential

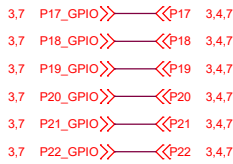
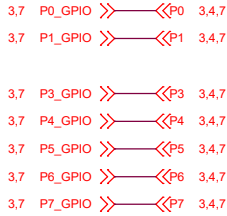
Block Diagram



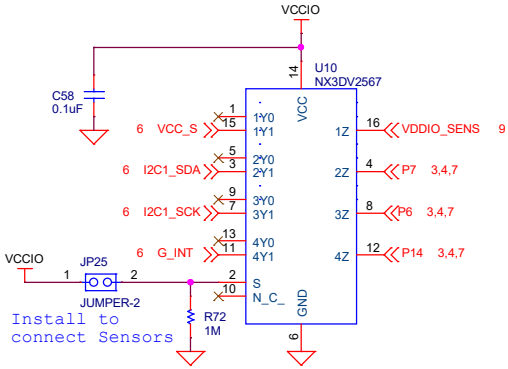
ATMOSIC TECHNOLOGIES INC			
Title ATM3325 EVALUATION BOARD			
Size B	Document Number 067-30-610-xxxx		Rev 3.2
Date:	Wednesday, October 29, 2025	Sheet 2	of 9



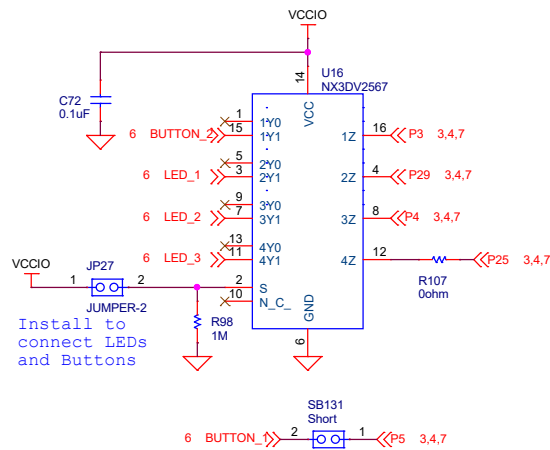
GPIO MUX



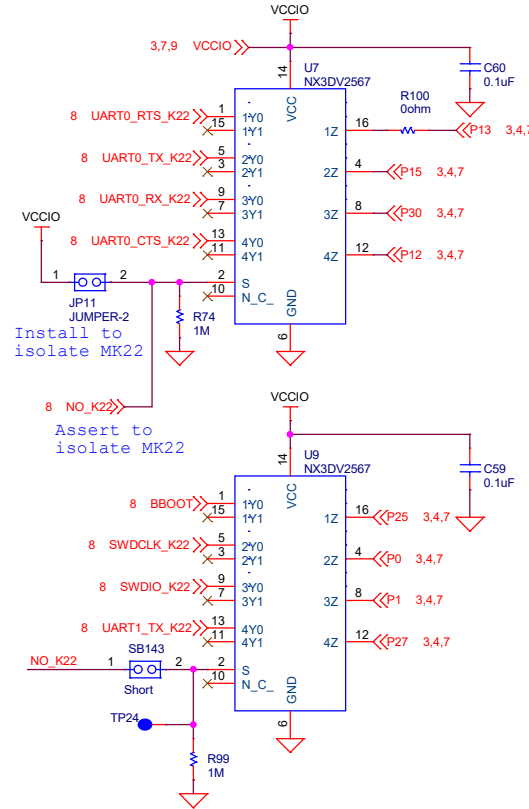
CONNECT SENSORS TO ATM3325



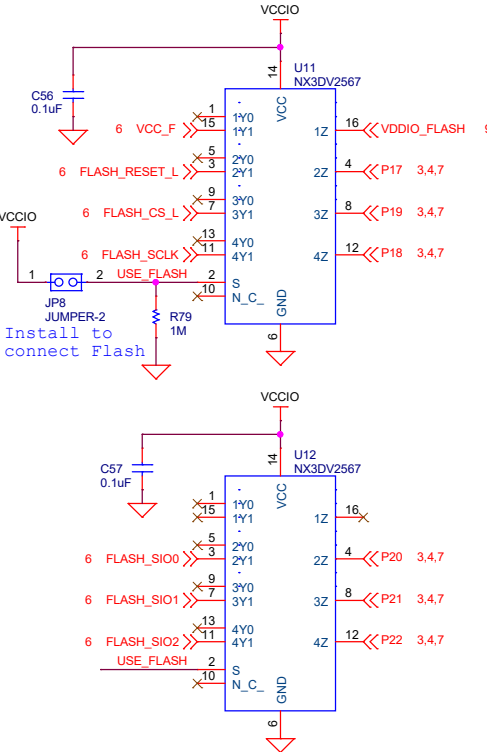
CONNECT LEDS/BUTTONS TO ATM3325



ISOLATE MK22 FROM ATM3325

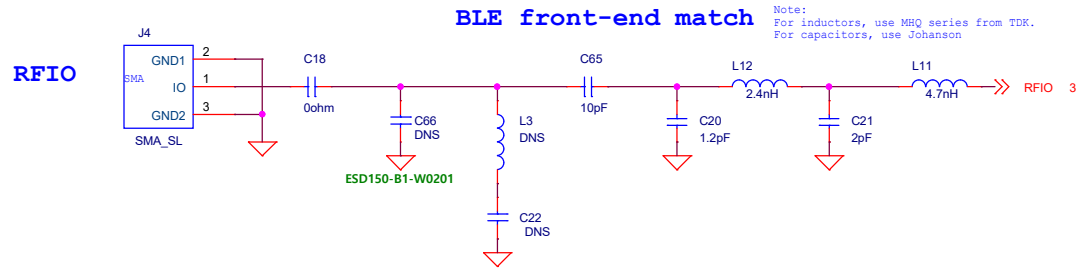


CONNECT FLASH TO ATM3325



Atmosic Technologies Proprietary and Confidential

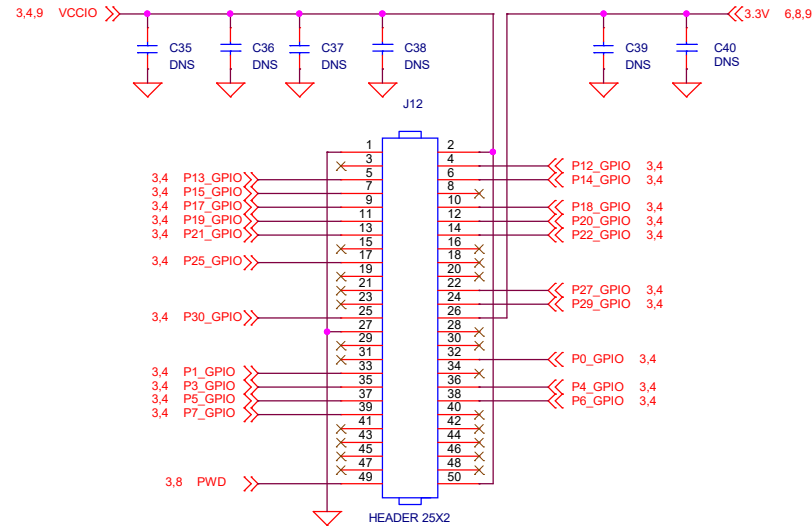
ATMOSIC TECHNOLOGIES INC			
Title			
ATM3325 EVALUATION BOARD			
Size B	Document Number 067-30-610-xxxx		Rev 3.2
Date:	Wednesday, October 29, 2025	Sheet 4 of 9	



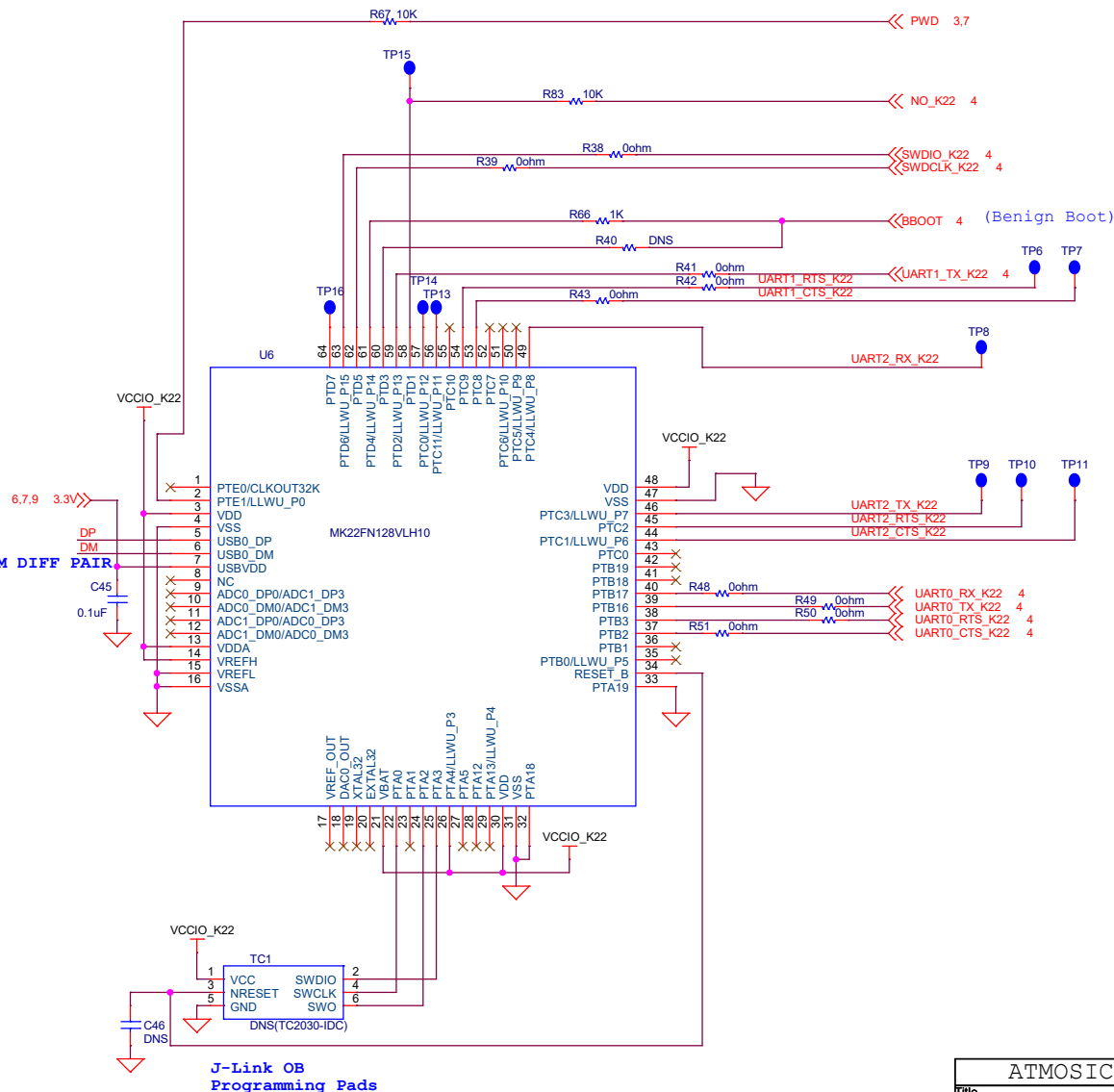
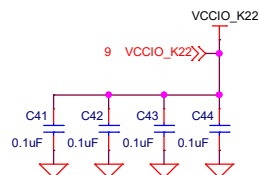
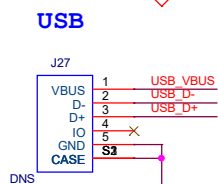
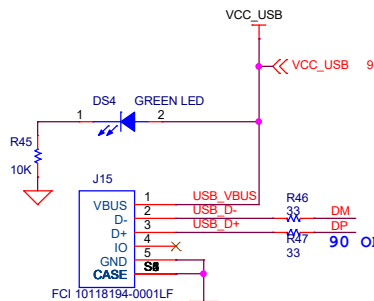
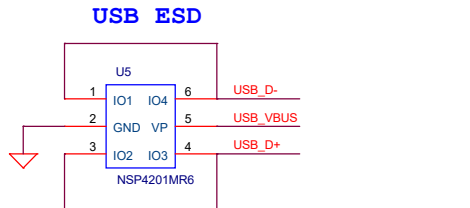
Atmosic Technologies Proprietary and Confidential

ATMOSIC TECHNOLOGIES INC		
Title		
ATM3325 EVALUATION BOARD		
Size	Document Number	Rev
B	067-30-610-xxxx	3.2
Date:	Wednesday, October 29, 2025	Sheet 5 of 9

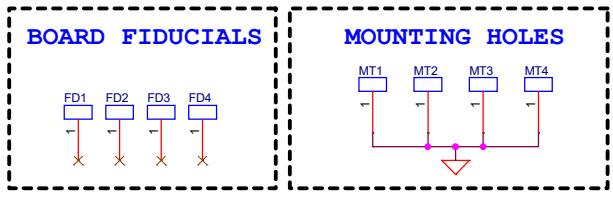
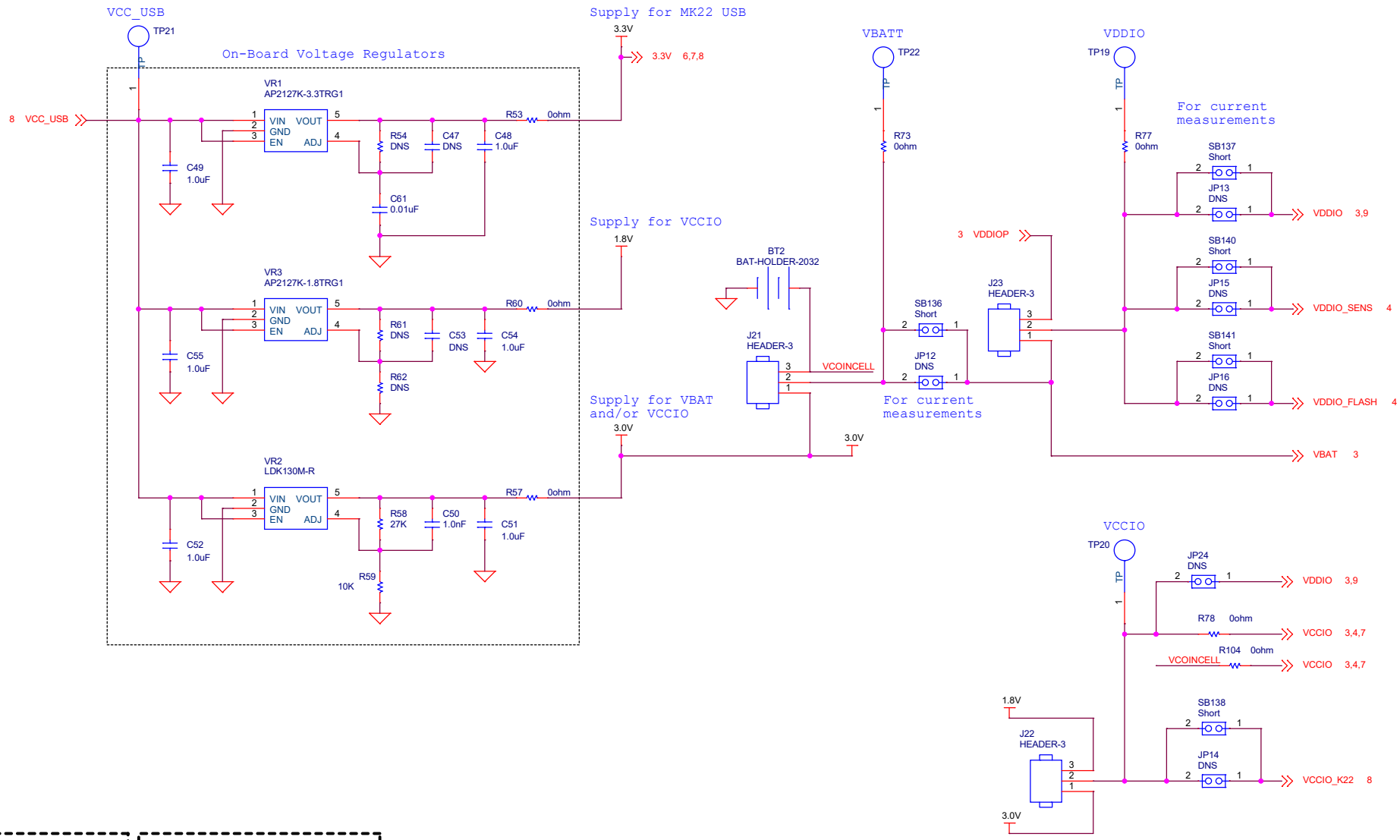
SENSOR HUB 50-PIN CONNECTOR



ATMOSIC TECHNOLOGIES INC			
Title			
ATM3325 EVALUATION BOARD			
Size	Document Number	Rev	
B	067-30-610-xxxx	3.2	
Date:	Wednesday, October 29, 2025	Sheet	7 of 9



ATMOSIC TECHNOLOGIES INC		
Title		
ATM3325 EVALUATION BOARD		
Size	Document Number	Rev
B	067-30-610-xxxx	3.2
Date:	Wednesday, October 29, 2025	Sheet 8 of 9



ATMOSIC TECHNOLOGIES INC			
Title			
ATM3325 EVALUATION BOARD			
Size			
B	Document Number	067-30-610-xxxx	Rev
			3.2
Date: Wednesday, October 29, 2025			
Sheet 9 of 9			