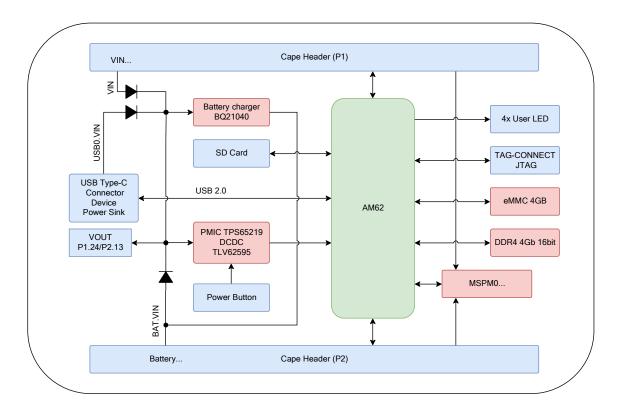
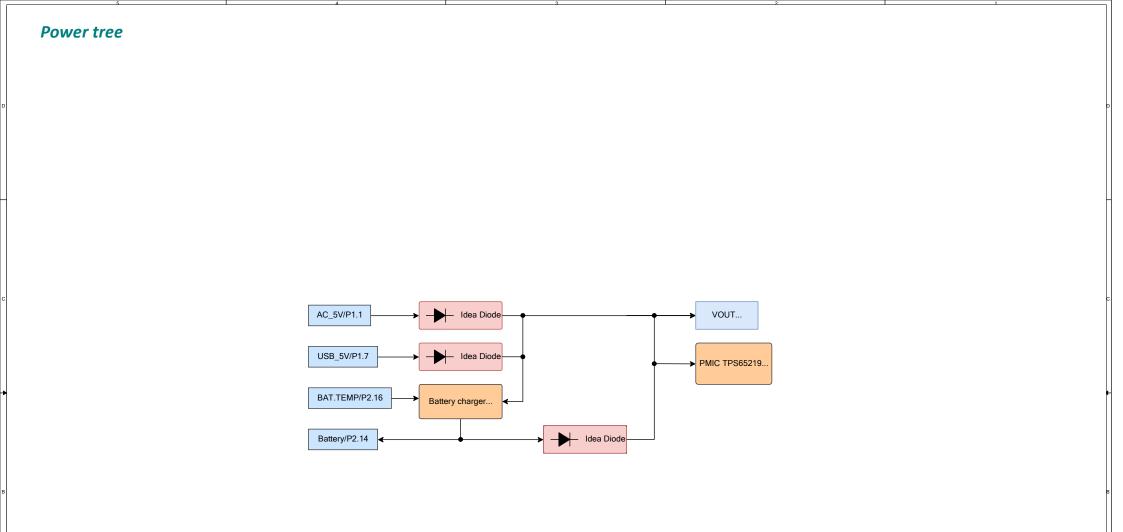
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REVISION HISTORY			
VER #	DATE	DESCRIPTION OF CHANGES	AUTHOR
0.1	28 Oct. 2022	First release	qxn
0.2	1 Nov. 2022	1. Remove unused nets 2. Use WKUP_12C0 for PMIC 3. Add pull-down to VPP 4. Move eEMMC_RSTn to GPIO0_7 5. Add USER button for boot mode seletion 6. Try to add a CSI connector 7. Using processor boall numbers for signal name on P1 and P2 8. Change SoC to AM6232, change eMMC to 4GB, change DDR to 512MB	qxn
0.3	2 Nov. 2022	1. Remove CSI 2. Add SD card, move LD00 to VDD_SD 3. Power the VPP with VDD_1V8 through a jumper 4. Connect P2.19 to AC20 instead	qxn
0.4	23 Dec.2022	<ol> <li>Replace the ideal diode with LM73100RPWR</li> <li>Replace EEPROM and ADC with MSPM0</li> <li>Correct the boot settings</li> <li>Cornect AD24(MDC) to P2.17 and AB22(MDIO) to P2.20 which is same as pocketbealge.</li> </ol>	qxn
0.5	28 Dec.2022	1. Add B5 (MCU_UARTO_RXD) to P2_5. 2. Add A5 (MCU_UARTO_TXD) to P2_7. 3. Add A18 (EXT_REFCLK1) to P1_10. 4. Add AD24 (MDIO0_MDC) to P2_1. 5. Add AB22 (MDIO0_MDIO) to P2_3.	qxn

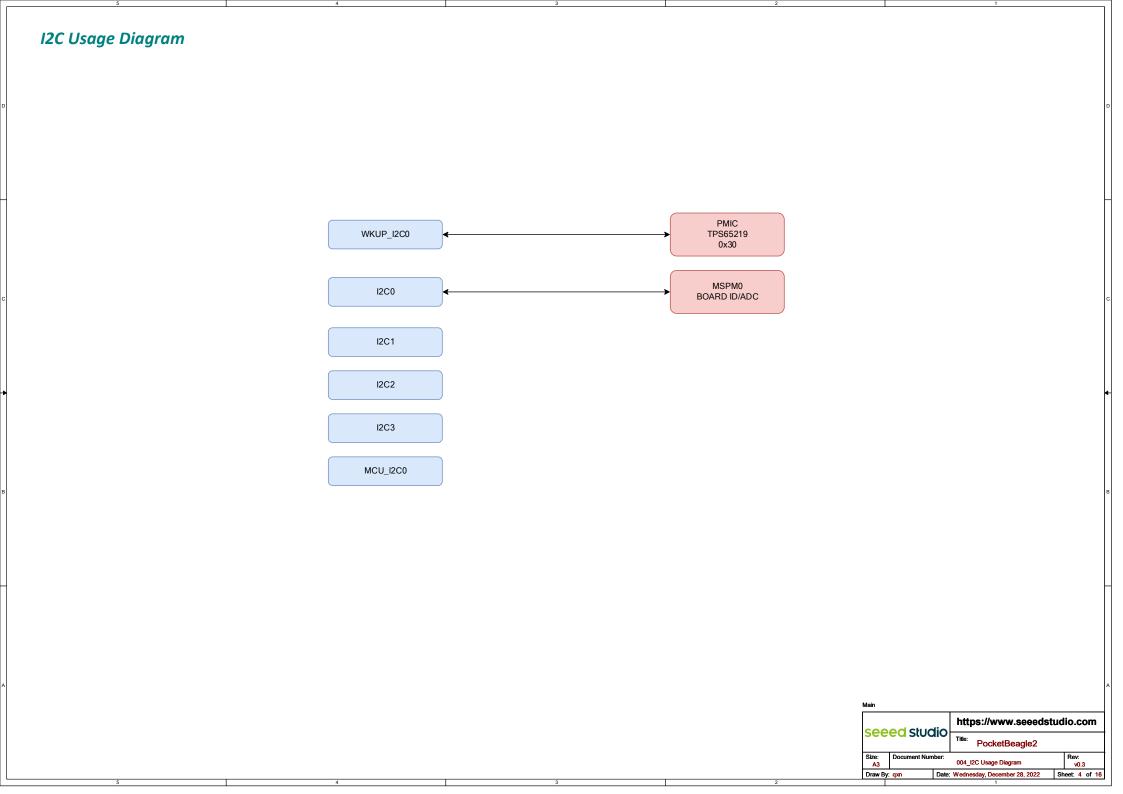


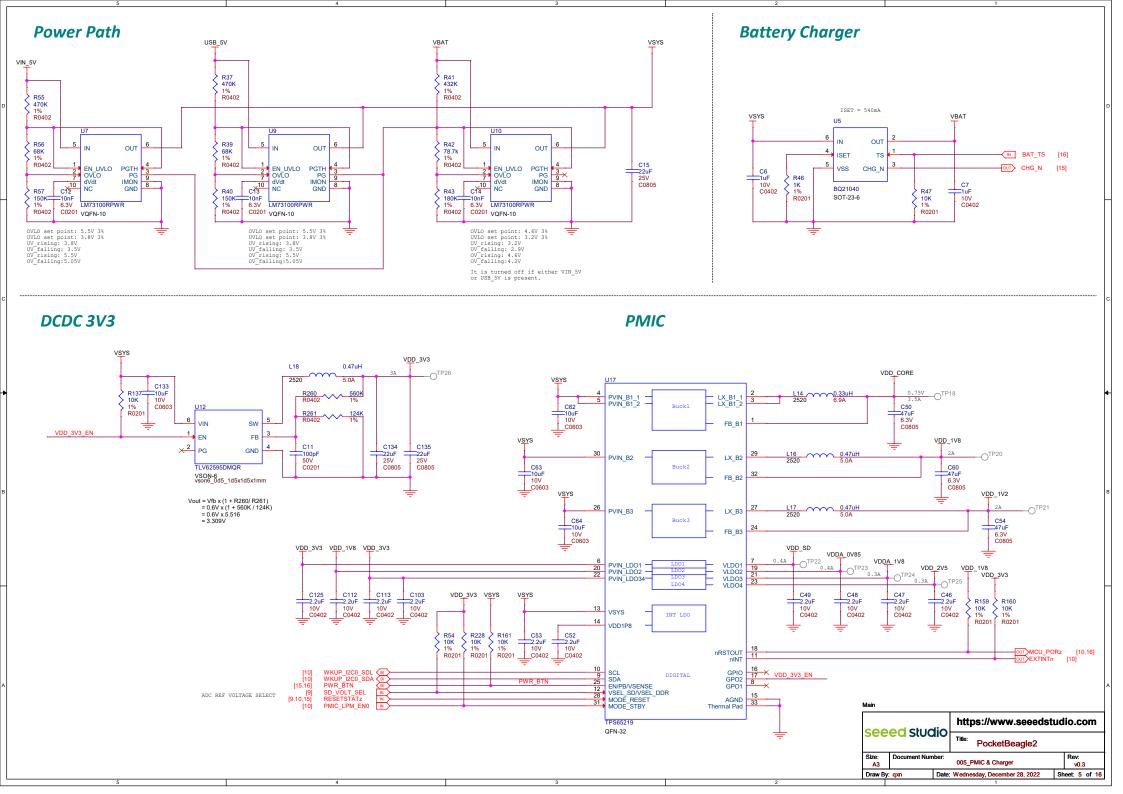
**Block Diagram** 

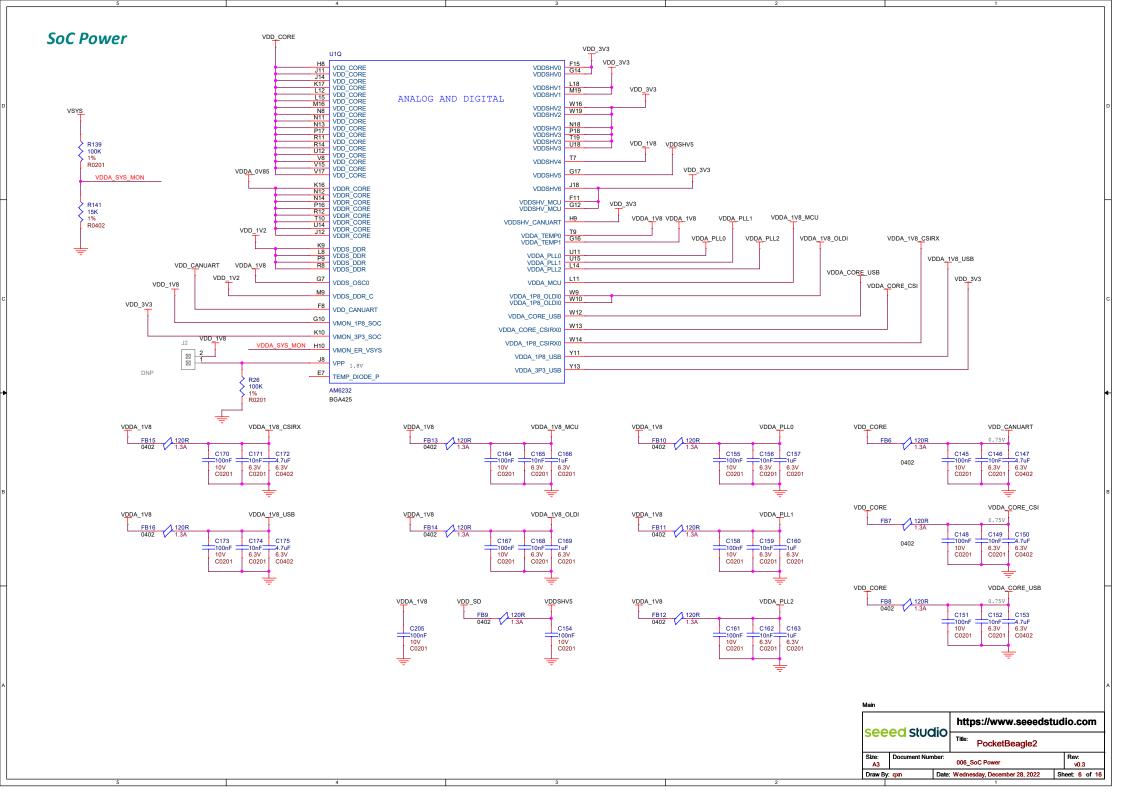


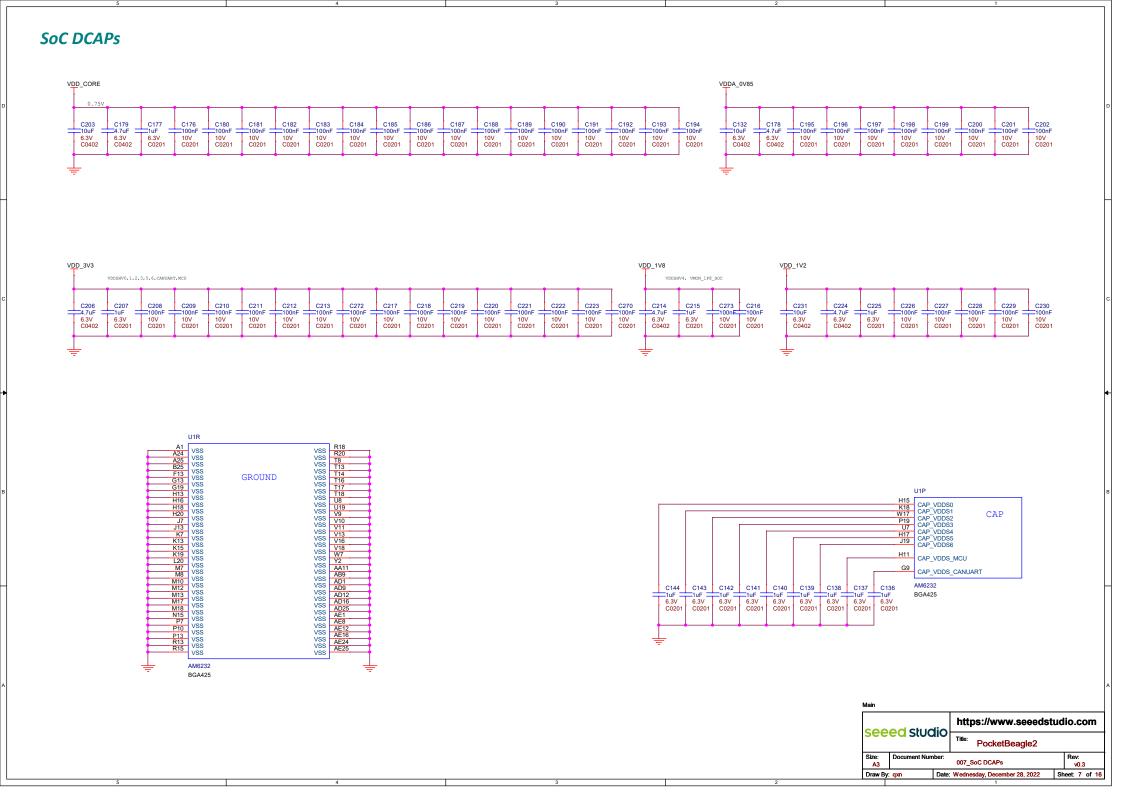


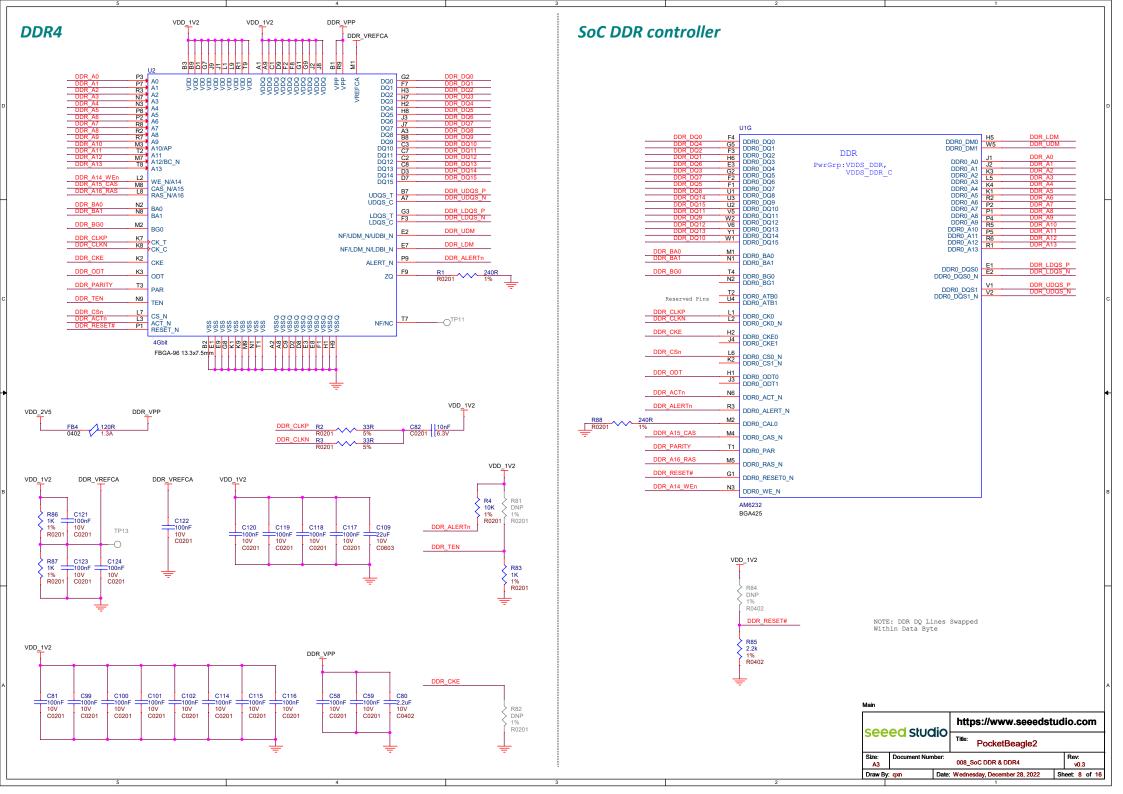


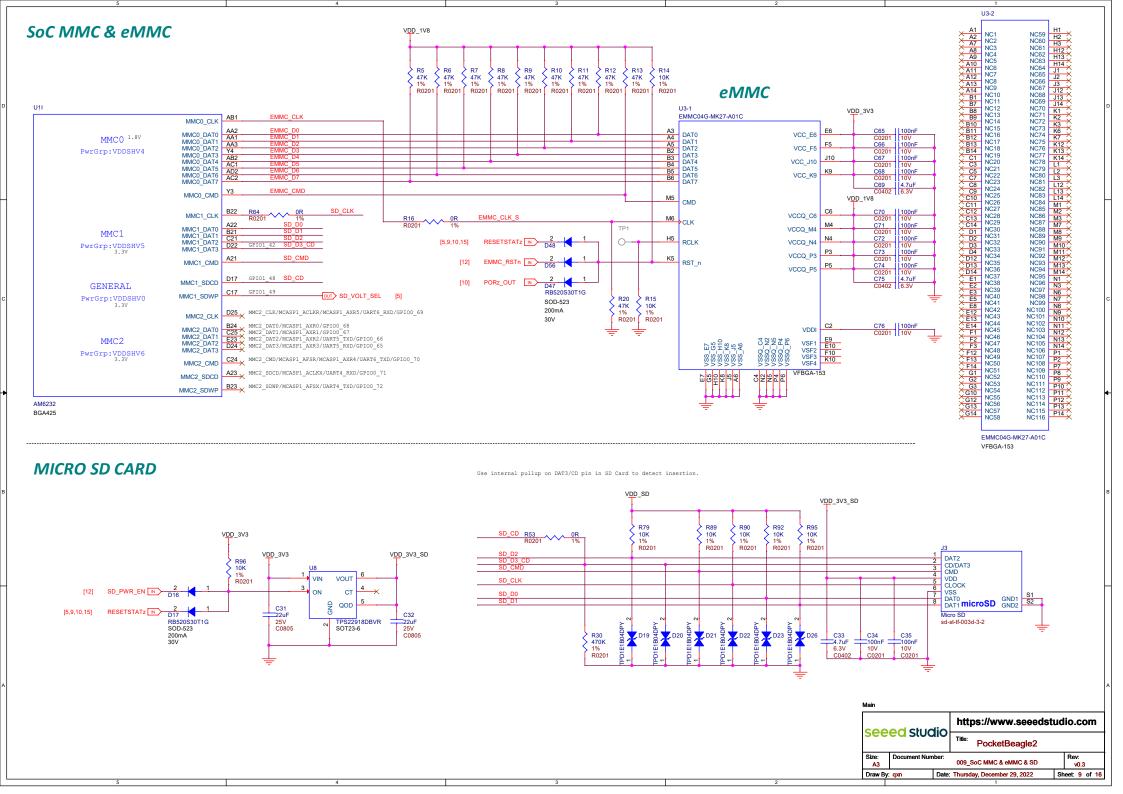


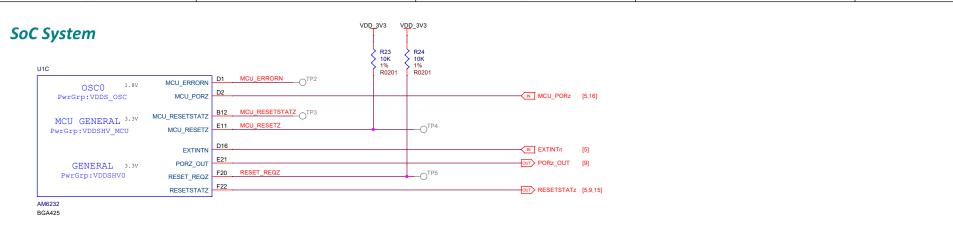




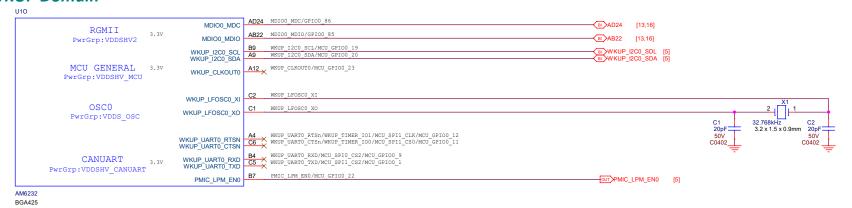




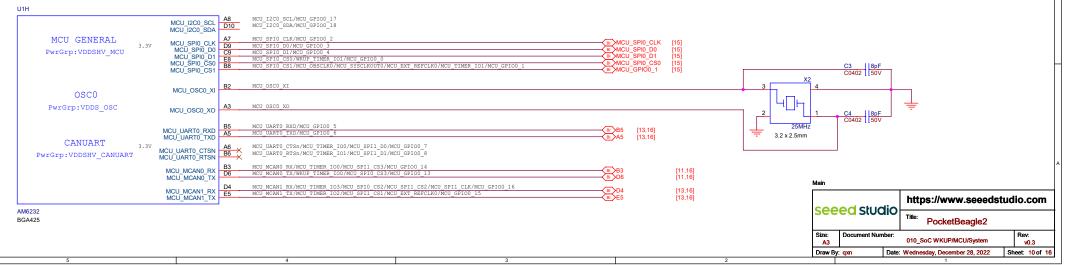


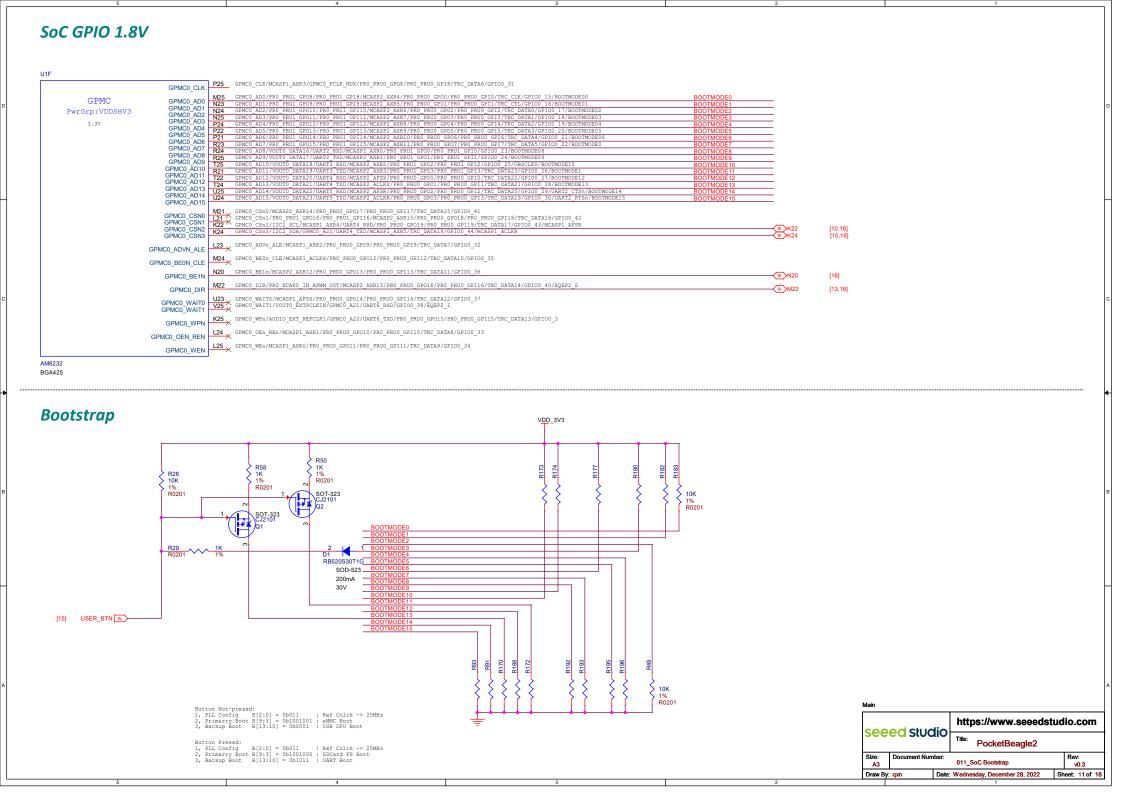


## **WKUP Domain**

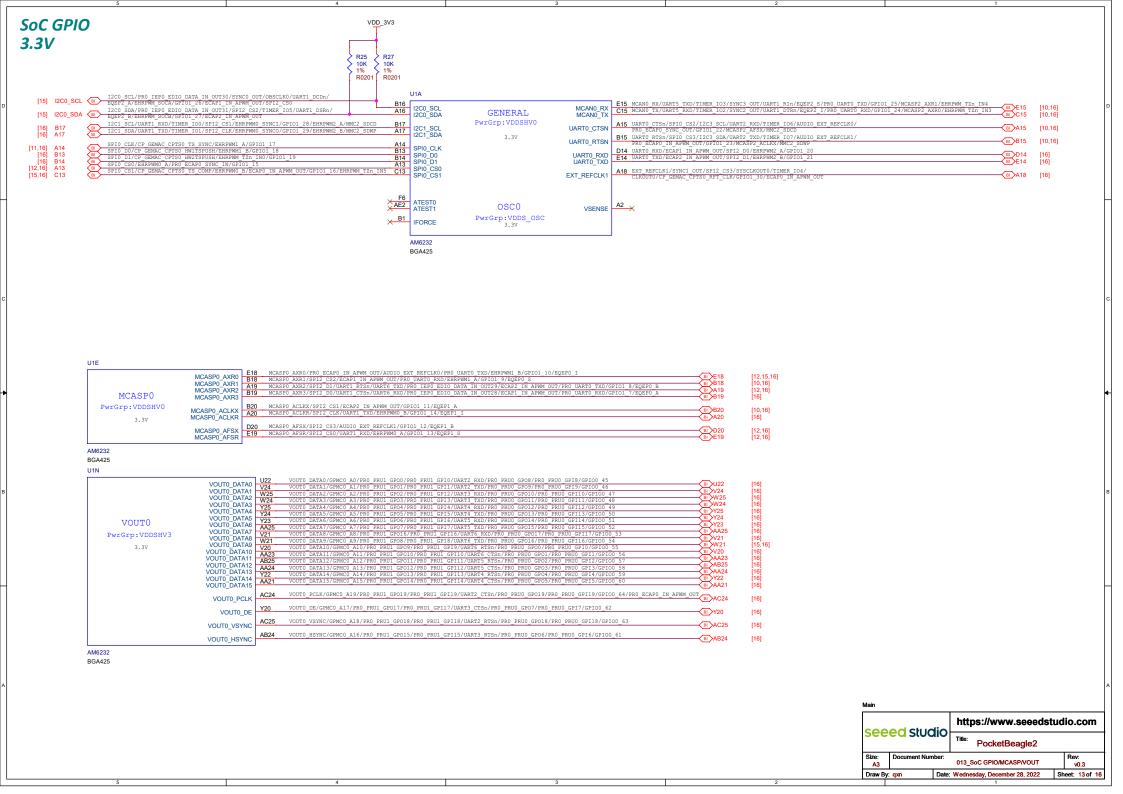


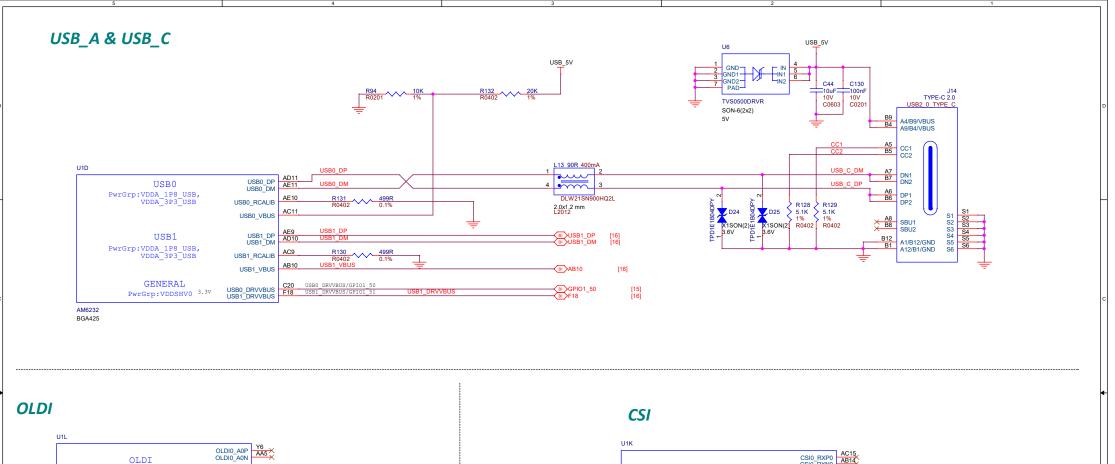
## **MCU Domain**

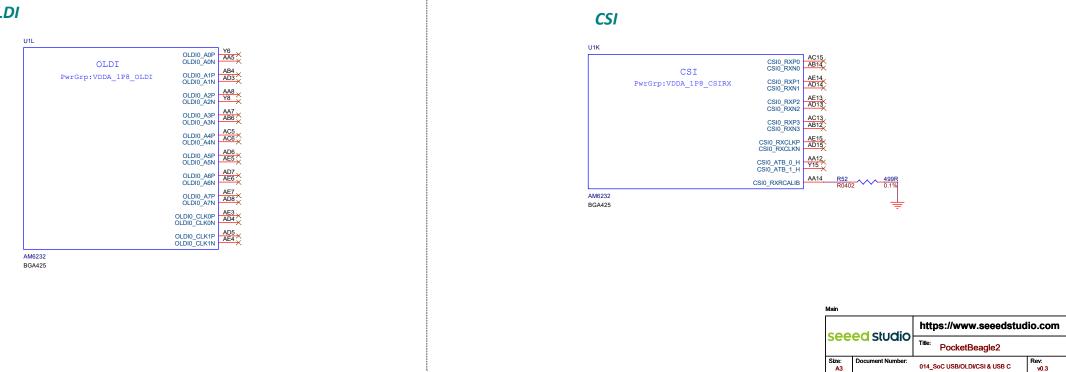












014\_SoC USB/OLDI/CSI & USB C
Date: Wednesday, December 28, 2022

Draw By: qxn

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