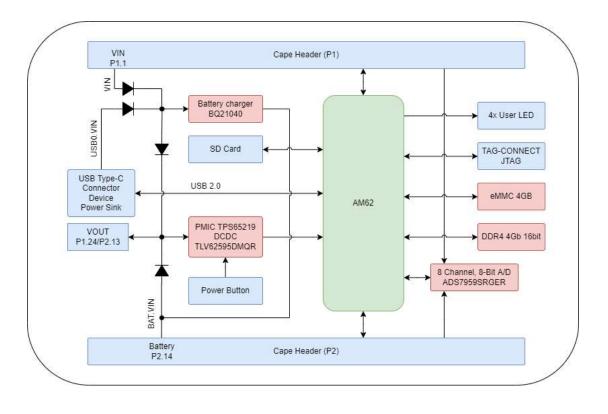
PAGE LIST		
PAGE	PAGE NAME	
001	Revision History	
002	002_Block Diagram	
003	003_Power Tree	
004	004_I2C Usage Diagram	
005	005_PMIC & Charger	
006	006_SoC Power	
007	007_SoC DCAPs	
008	008_SoC DDR & DDR4	
009	009_SoC MMC & eMMC & SD	
010	010_SoC WKUP/MCU/System	
011	011_SoC Bootstrap	
012	012_SoC RGMII/OSPI	
013	013_SoC GPIO/MCASP/VOUT	
014	014_SoC USB/OLDI/CSI & USB C	
015	015_SoC JTAG & MISC	
016	016_BP P1 & P2	

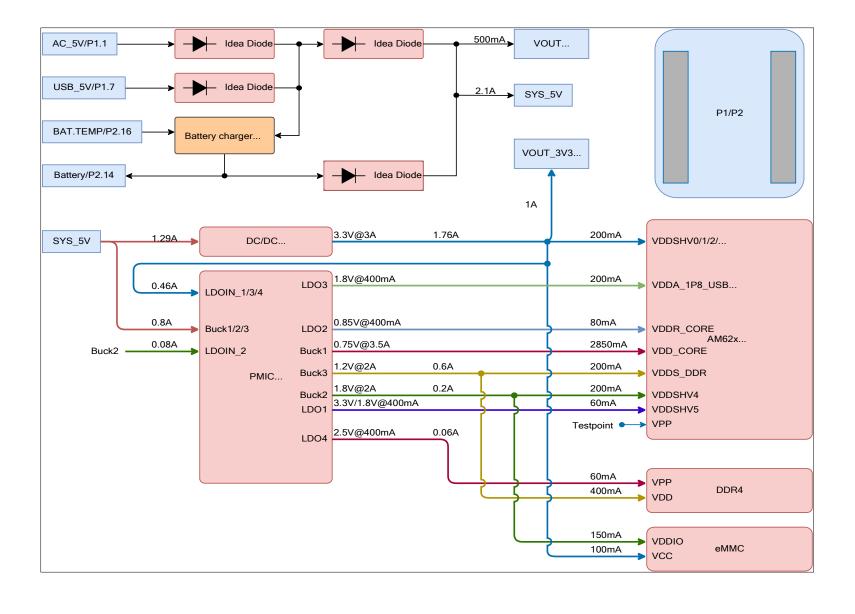
REVISION HISTORY				
VER #	DATE	DESCRIPTION OF CHANGES	AUTHOR	
0.1	28 Oct. 2022	First release	qxn	
0.2	1 Nov. 2022	1. Remove unused nets 2. Use WKUP_I2CO for PMIC 3. Add pull-down to VPP 4. Move eEMMC_RSTn to GPIOO_7 5. Add USER button for boot mode seletion 6. Try to add a CSI connector 7. Using processor 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 3. Power the VPP with VDD_1V8 through a jumper	qxn	
			qxn	

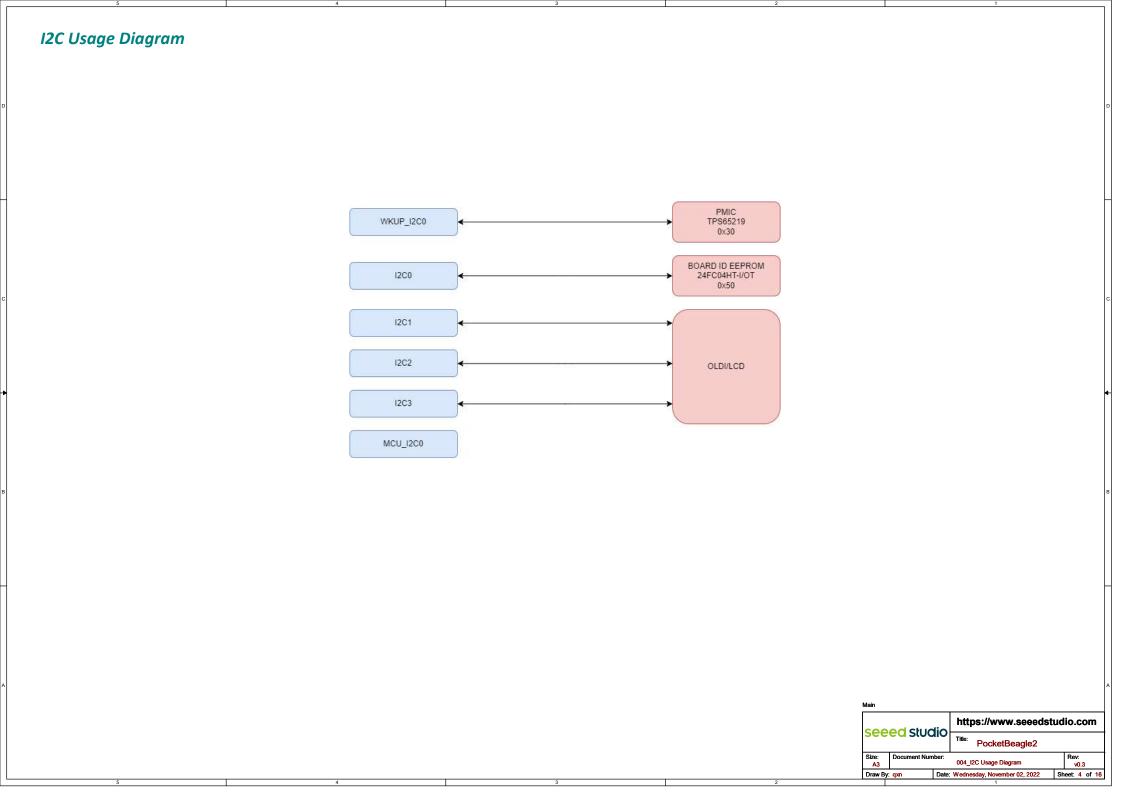


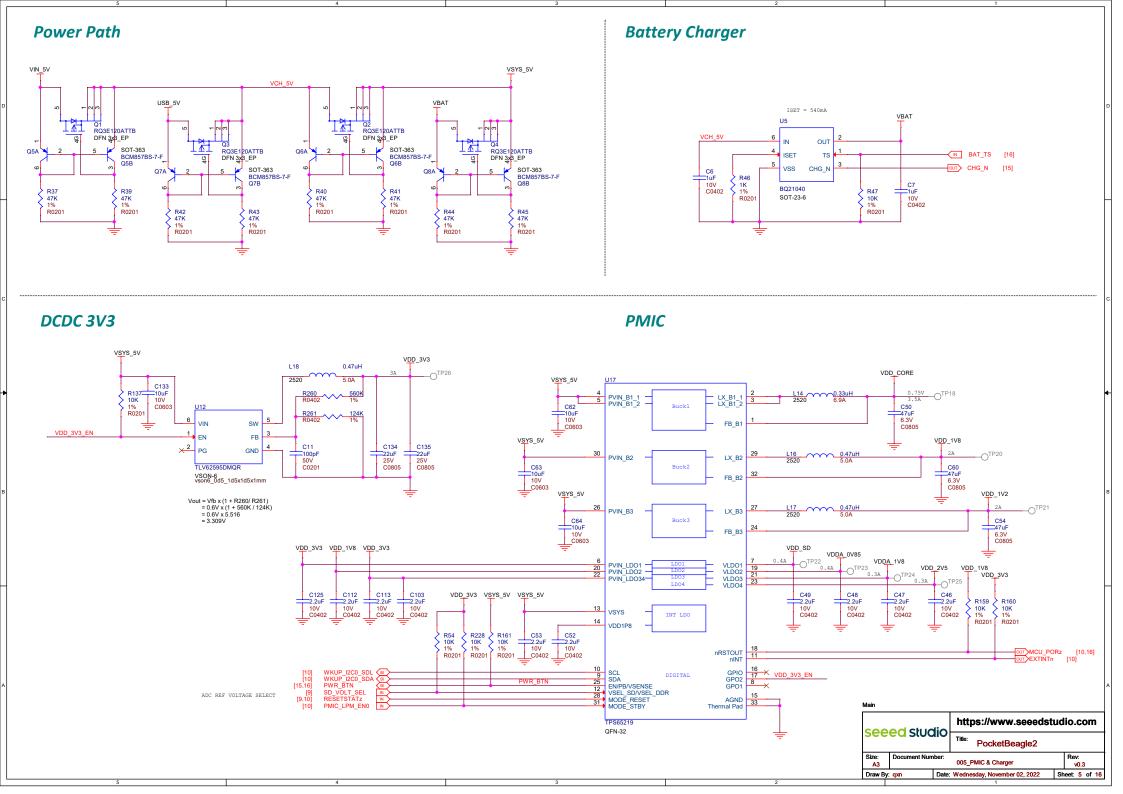
Block Diagram

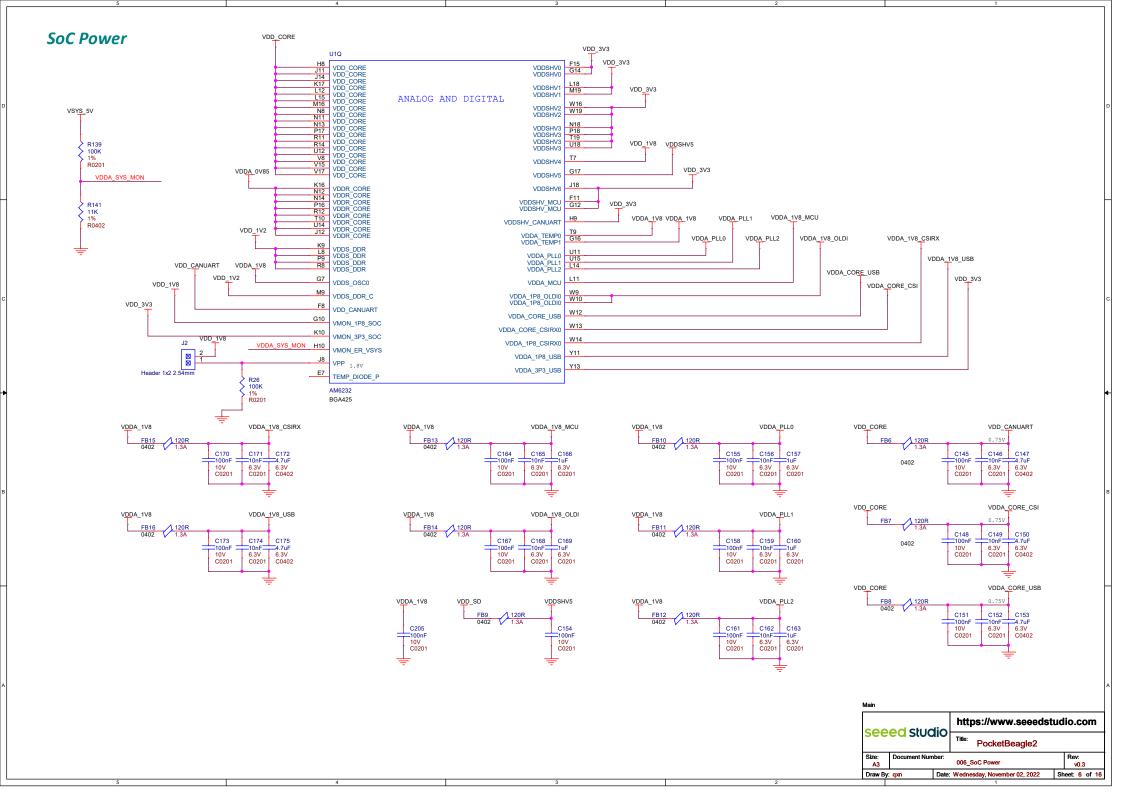


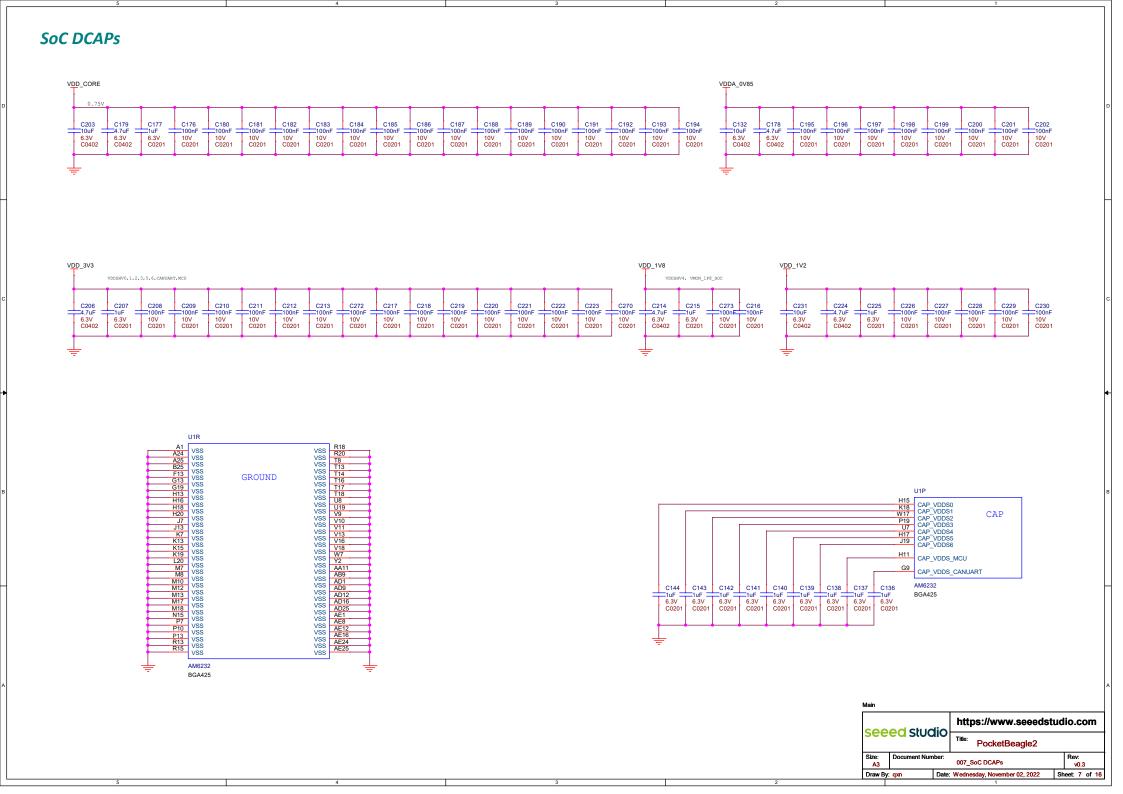
Power tree

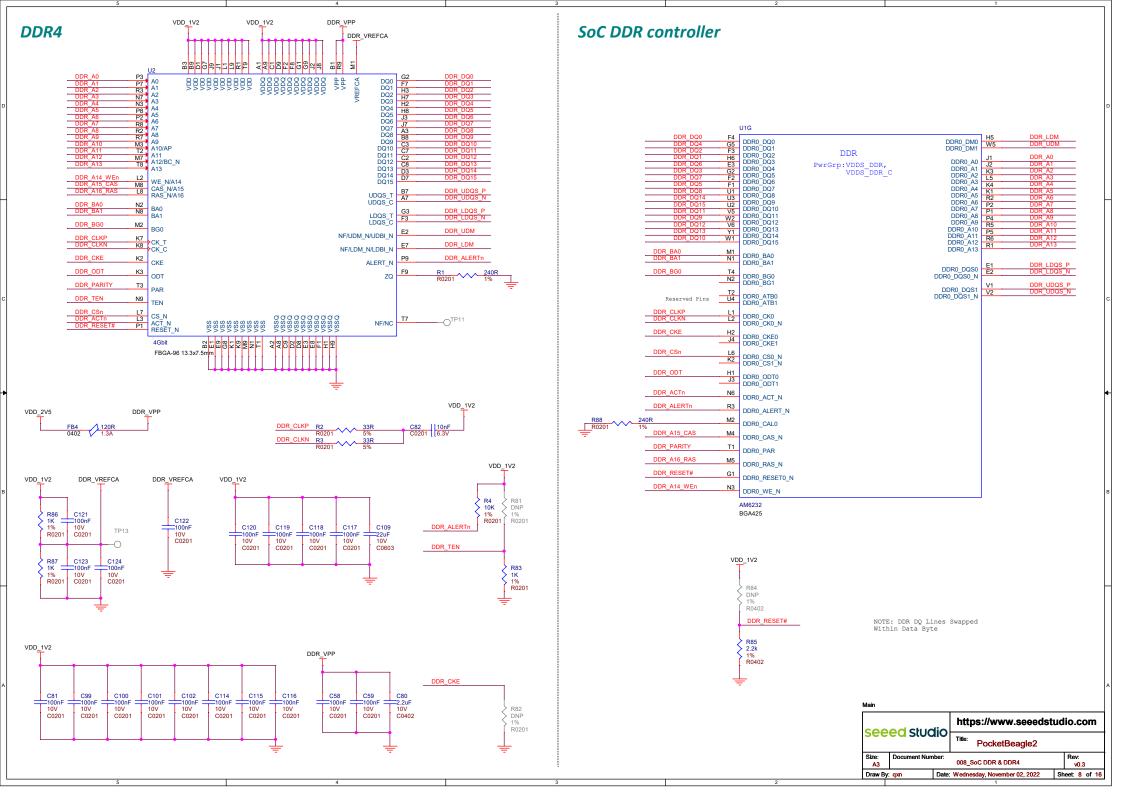


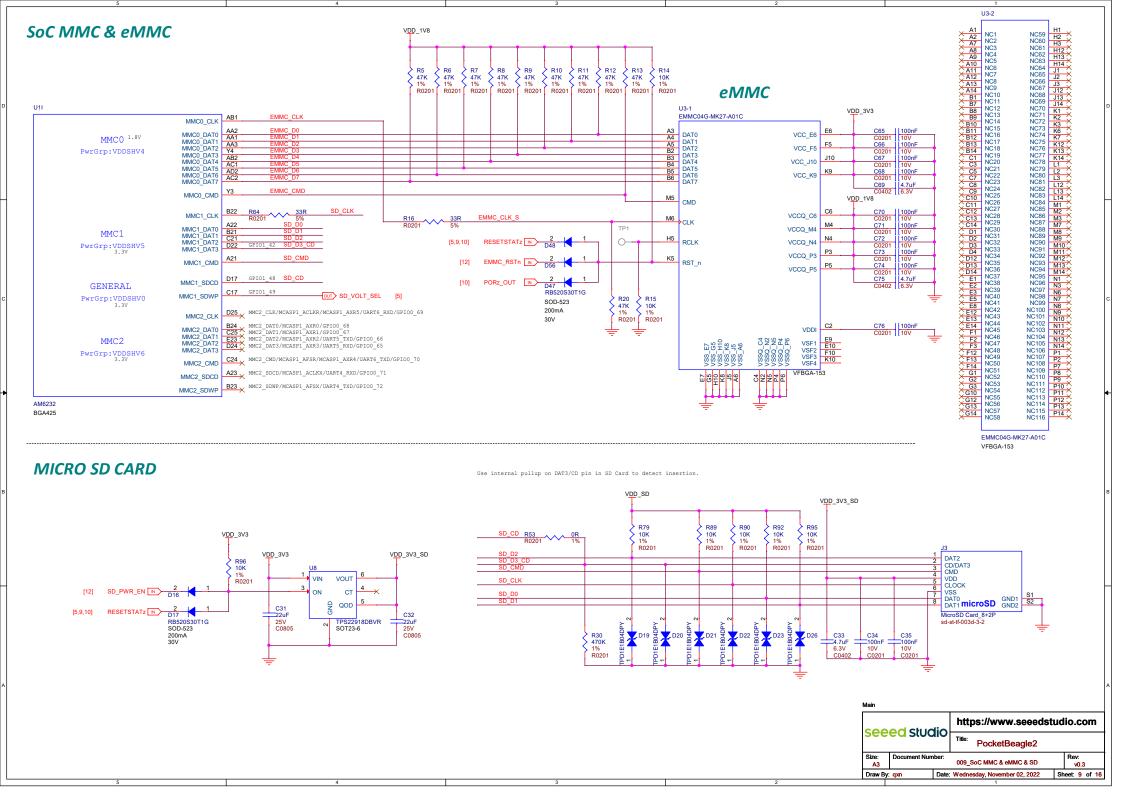


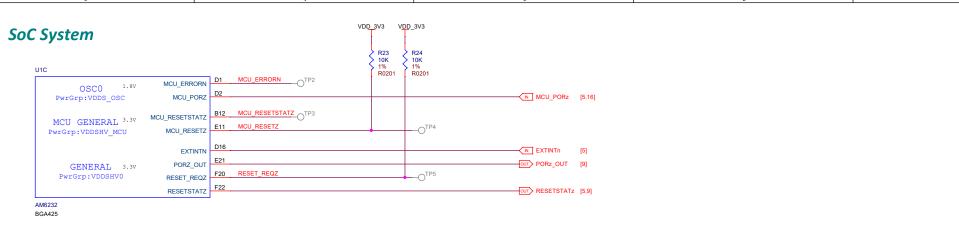




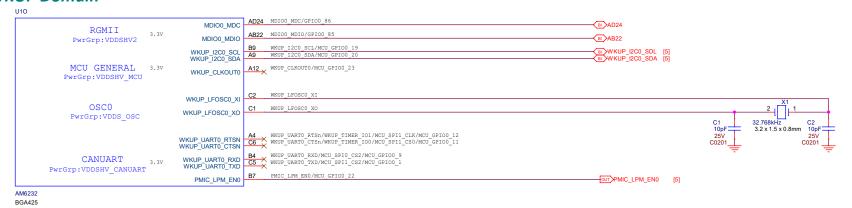








WKUP Domain



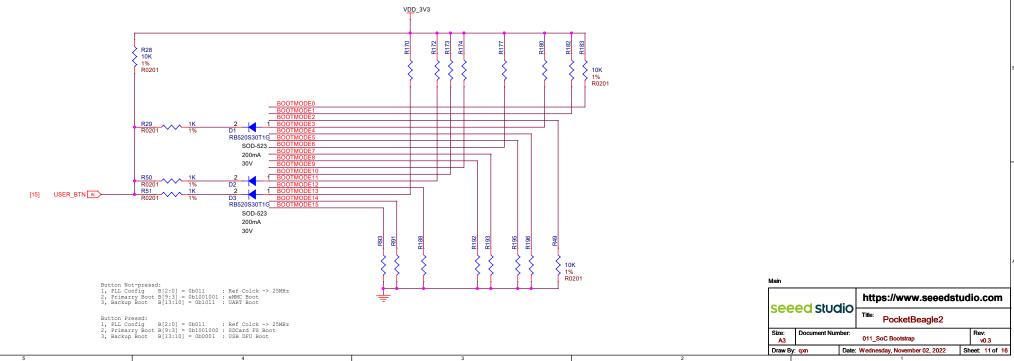
MCU Domain

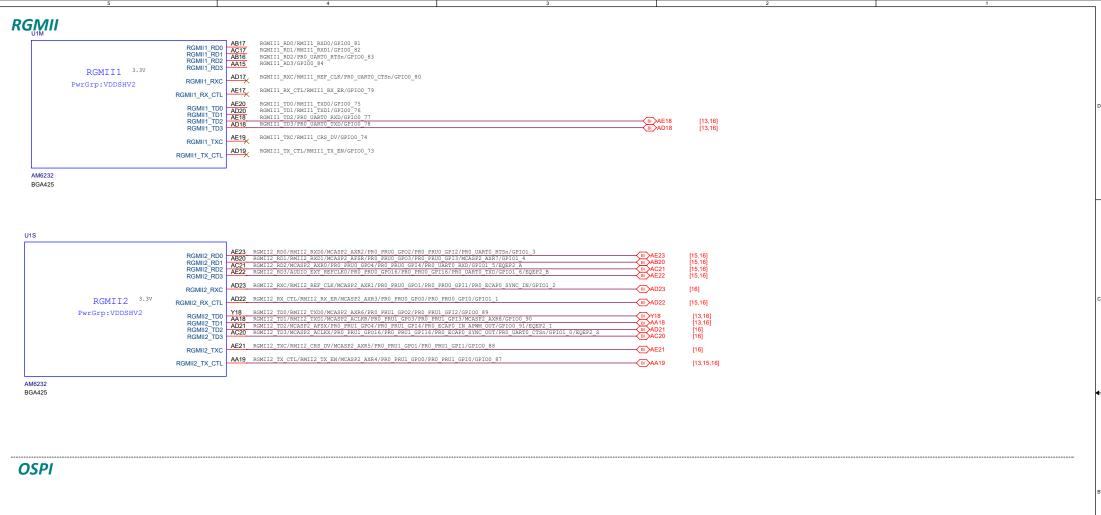


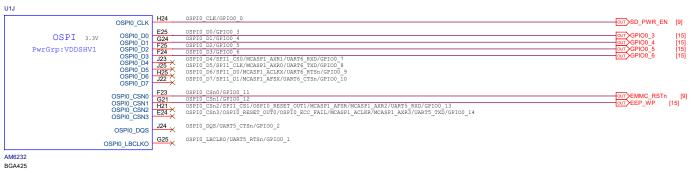


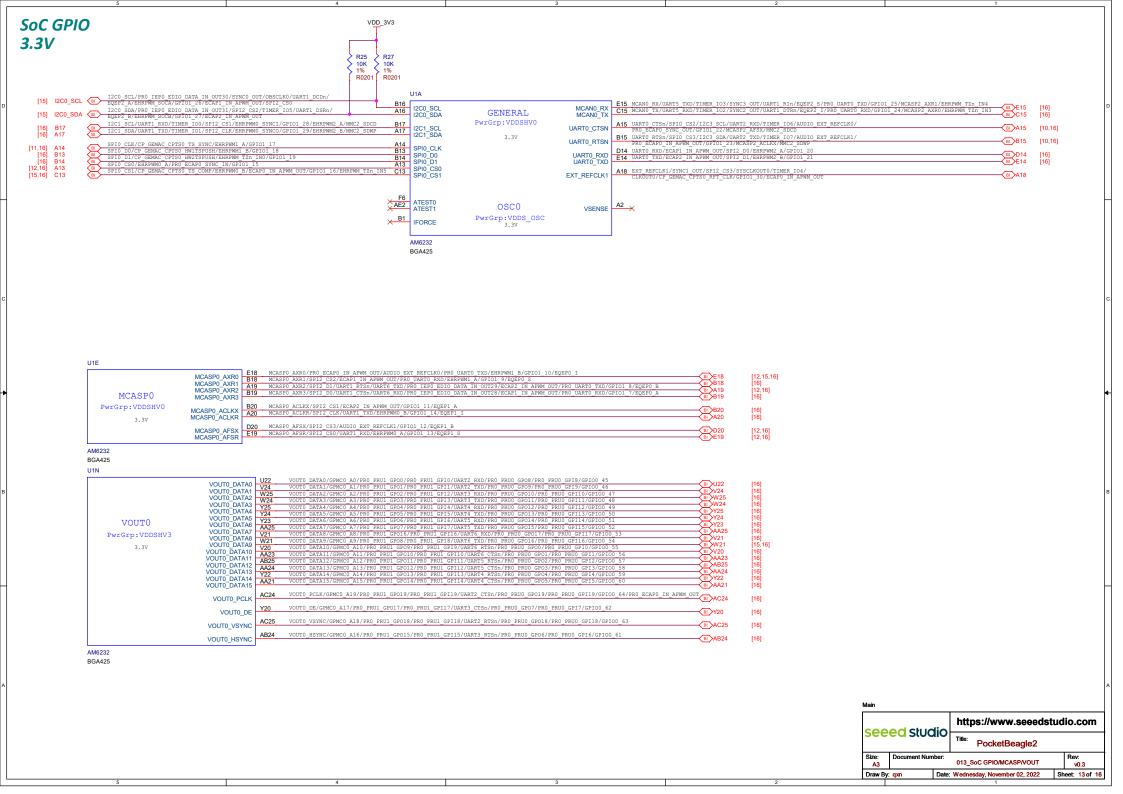


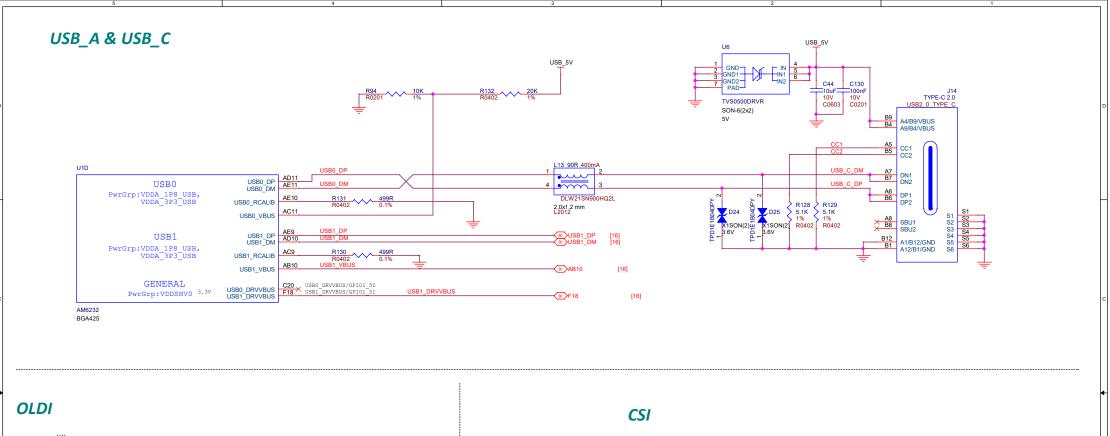
Bootstrap











https://www.seeedstudio.com

Rev: v0.3

Sheet: 14 of 16

Title: PocketBeagle2

014_SoC USB/OLDI/CSI & USB C
Date: Wednesday, November 02, 2022

seeed studio

Draw By: qxn

