

**BLOCK DIAGRAM**

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| **Project Code** | **ANCS\_SAIS** |
| **Revision** | **A0\_02** |
| **Date** | **013-July-2020** |

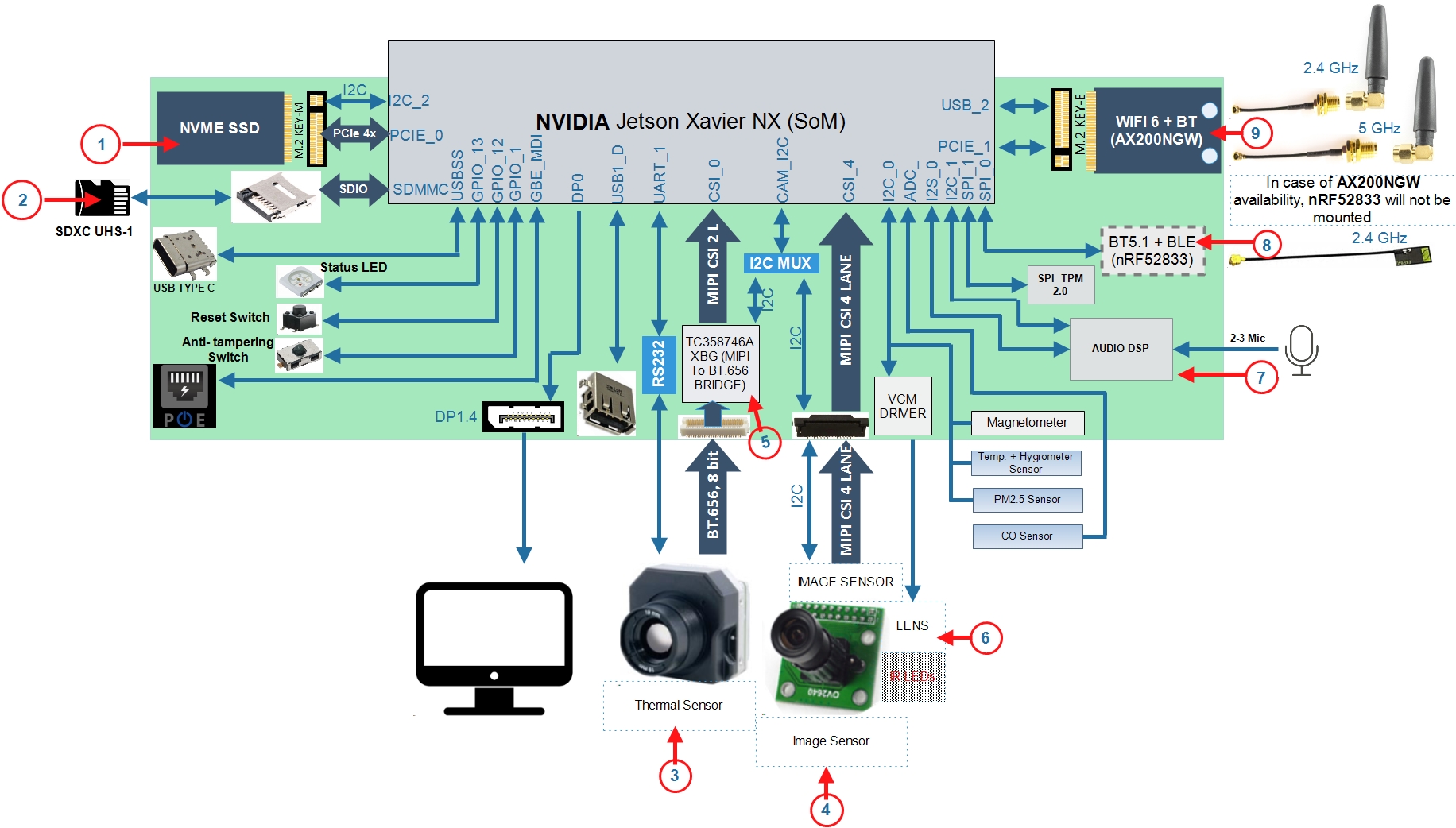


Figure 1: ANCS\_SCAM (WiFi 6 Version)

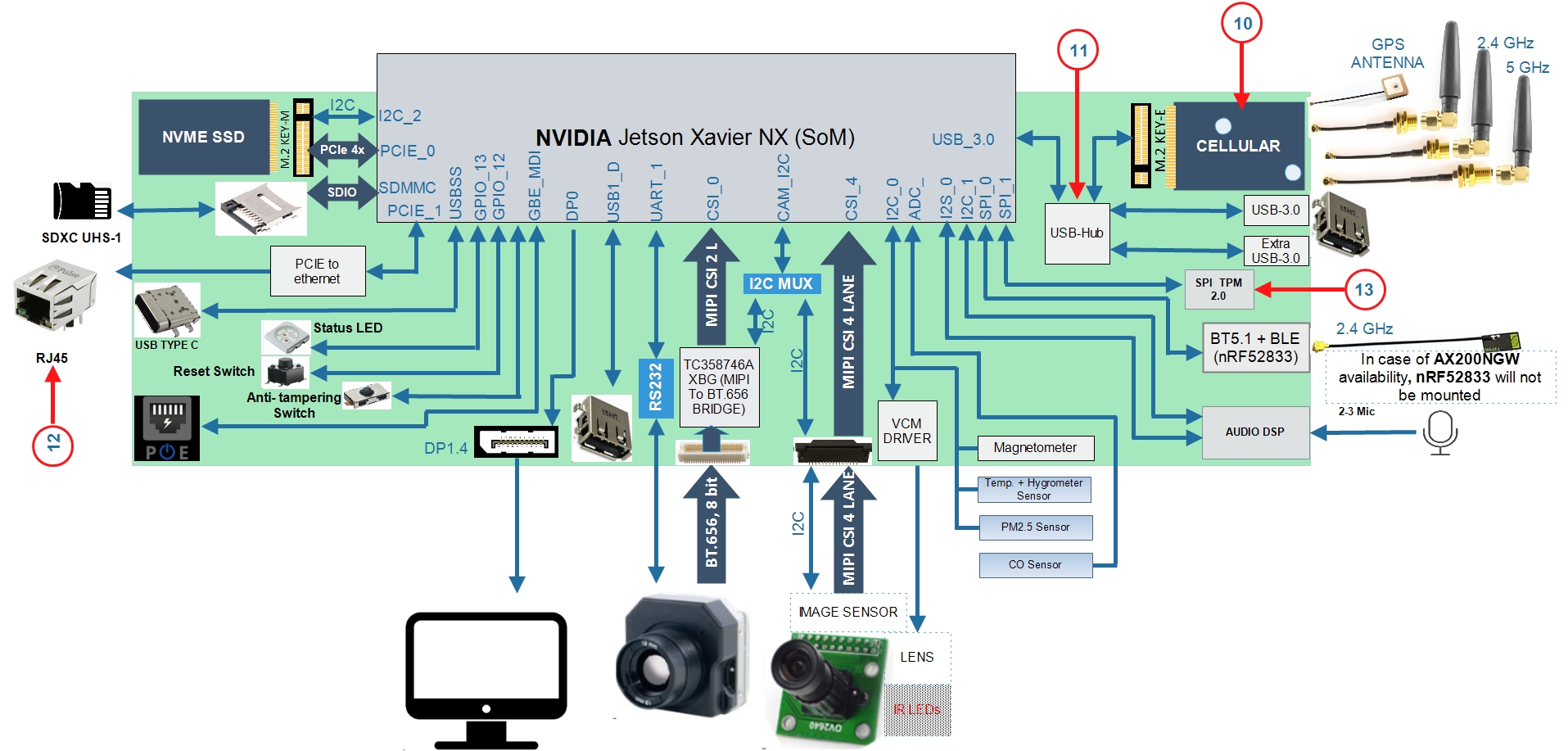


Figure 2: ANCS\_SGAT (Cellular Version)

1. NVME SSD Options: WESTERN DIGITAN PC SN730, Micron 2300 SSD

2. SD CARD Options: SDSDQAF3-008G-I, SDC10G2/128GB

3. Thermal Camera Option: Tau 2 336

4. Image Sensor Options: AR1335 (ON Semi)

5. BT.656 to MIPI CSI Convetrer Options: TC358746AXBG

6. Optical Lens: I2C Interface

7. AUDIO DSP: MICROSEMI ZL38063

8. BLE SoC: Nordic nRF52833, Silicon Labs EFR32MG21

9. WiFi Module: ST60-2230C-PU

10. Cellular Module Options: RM500Q, RM510Q, FN980m, FM150

11. USB Hub: RTS5489

12. PCI to ethernet controller – RTL8111H(S)-CG

13. TMP 2.0 – ATTPM20P

Question: We required an ADC pin to connect a CO sensor. Please suggest the ADC pin.