General

Name of the board:
DASQI Apollo4B v1.0 board
Link to the board:
https://dasqi.com/apollo4b/
Link where the users can buy the board:
6th Floor, Building C2, Nanshan Zhiyuan, No. 1001, Xueyuan Avenue, Nanshan District, Shenzhen, China.
Link to the SDK/project (e.g. GitHub):

Link to the documentation (how to get started):
https://drive.google.com/file/d/1OD6K7Bvh8vsSpH5r04amY_Sq4xkTiXan/view?usp=sharing
Link to the supported operating systems/platforms (e.g. Zephyr, Arduino, etc)
FreeRTOS
Link where to get support:
contact@dasqi.com
One paragraph description of the board:
Ready , https://www.dropbox.com/s/ojx56opqgxpilag/2023-0417a-%E5%8F%B0%E7%81%A3%E7%A0%94%E7%99%BC%E9%80%B1%E5%B7%A5%E4%BD%9C%E5%A0%B1%E5%91%8A.pdf?dl=0

Microcontroller and memory

MCU/MPU type:
MCU Ambiq Apollo4 Blue Plus (192MHz)
RAM size/type internal/external:
RAM 2MB of MRAM and 1.8MB of SRAM
Flash/ROM size/type internal/external:
Flash multi-bit SPI and eMMC interfaces
GPU if any:
GPU 2D, 2.5D GPU

Display

Part number if public:
AMOLED 454x454 Touch Round Display (1.39")
Resolution:
Resolution 454*454 Round Display
Color depth:
Color Depth 16 bit, RGB565
Technology (e.g TN or IPS):
AMOLED
Interface (e.g. SPI, RGB, MIPI):
QSPI
Touchpad (Resistive or Capacitive):

Touch pad Capacitive

Others

Connectivity features (e.g. Ethernet, Audio, etc.):
Bluetooth, GPS
Anything else you would like to highlight:
Power supply USB Type C (5V)
Others : SD card slot, I2C/SPI/UART/MIPI, Accelerometer, Bio Sensor, Barometer, Current
TP for Low Power design, Compass, Gyro, GNSS