CubeCell Board Block Diagram

Power management system

USB/Battery/VDD Power Supply Auto Switch System

- USB maximum input voltage: 24V
- Battery input voltage: 3.6 – 6.5V
- VDD input: 3 – 5.5V (Recommended 3.3V)

Auto Boot

DTR = 0 → RTS = 0 → RTS = 1 → DTR = 1

Access Boot Loader mode

CP2102: USB to Serial port

Header

MCU & LoRa

Current source for IPEX connector USB Node damage/USB external setting

Cannot open file F:\Develop\ASR-Node-duino\PCB\TruthTable.png

https://heltec.org/project/htcc-ab01

Heltec Automation

https://heltec.org