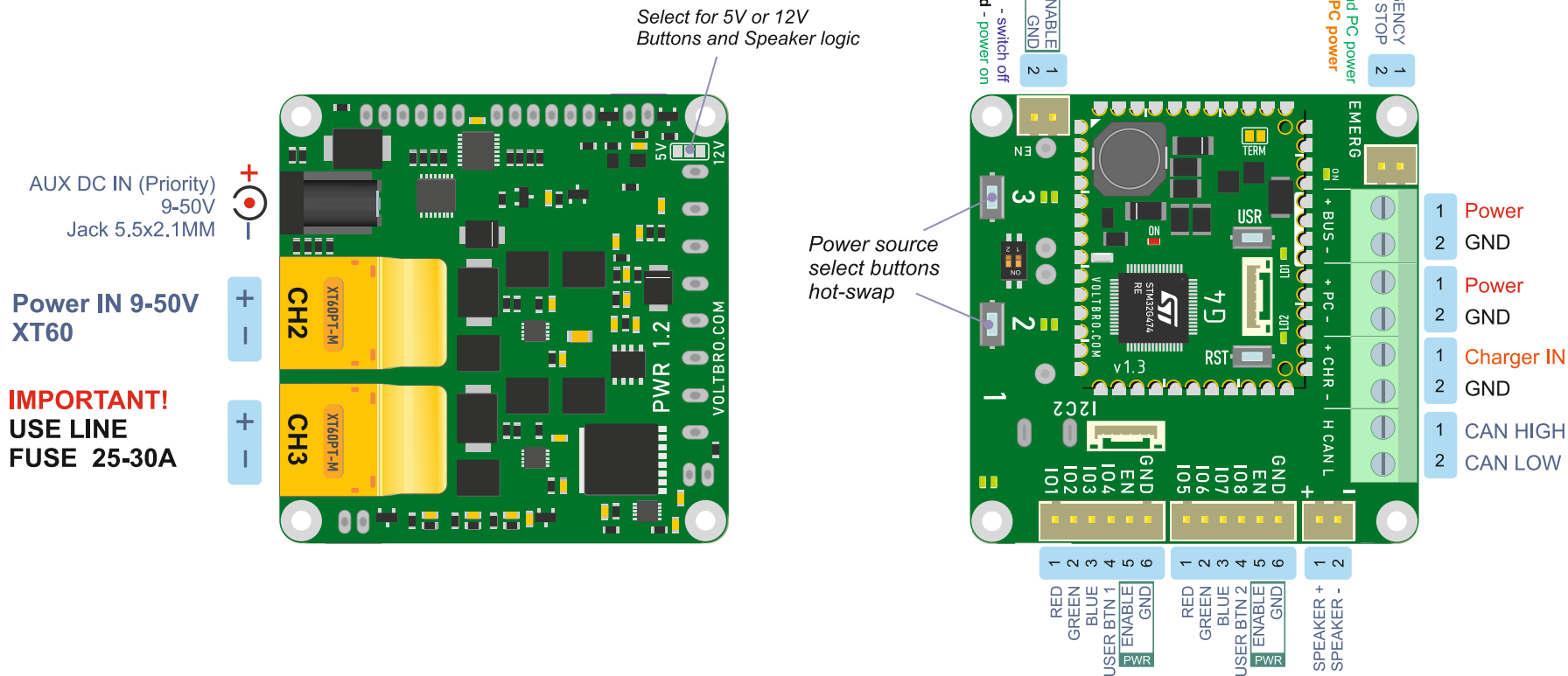


VBCore Power Board 30A v1.2

VBCores

www.vbcores.com

Electronics for robotics
research and development



Main BUS

PC Power

Only use an appropriate charger! The Powerboard does not include a built-in battery charger.

VBCore Power board v1.2

VIN: 9-50V
MAX CURRENT: 30A
MCU: VB32G4 (STM32G474RE)
Hot-swap: 2CH
DC in: 1CH
CHARGE in: 1CH 5A
1+1 RGB buttons
Voltage control
I2C EEPROM
CAN / CAN-FD
Dimensions: 61x61mm
Mount holes: 55x55mm D2.5 mm

⚠ Critical Safety Warning:

1. Read the manual before first time use!
2. Setup your battery before use
3. The Powerboard does not include a built-in battery charger. However, connected batteries can be charged using an external charger connected to the "Charger" input. **Only use an appropriate charger!**

CAD data and other: https://github.com/VBCores/VBCores_files/