WEMB Motherboard v2.0 – Design

D) Solution v2.0 , in RaspberryPi mode   / LV 29-09-18

+5Viso

+B_Ard

+15 V

+Bat (24/48V)

Feeder / non iso
15V / 3 A out

DC/DC Iso
Module (MW)

+B_pi

PwrConn

GNDiso

+15 V

-Bat

GND

GND

+5V Feeder / 1A

+5V

GND

GND

+Bat (24/48V)

-SHDN

LoLevel
Detect

Display

+5Viso

+B_Ard

Arduino Mega

RS485

GNDiso

RS485

GNDiso

+5 V / 2 A

GNDiso

RBPi

Display

USB_User

To power Modules