



Reset module using CH_PD
 RESET input is reserved for deep sleep
 JP1 must be closed to use deep sleep mode

Install either R10 or R11 depending of orientation
 If both are used together, equivalent R becomes half

HC-SR501 PIR (Motion sensor)
 - internal 3.3V regulator (needs >=5V supply)
 - 3.3V Output

BMP280 Temperature/Pressure sensor
 - Module has pull-ups on SDA/SCL
 - SPI (CSB/SDD) is not used / not connected

R1-3 : NE for low speed, short distance
 Install R2 (120R) at both ends of RS485 bus
 Install R1/3 (470R) at one position for biasing
 Biasing maintains Vab > 200mV at idle
 Max3485 has failsafe mode for A/B floating

GPI00 must be kept float or high at boot for normal operation (Boot from Flash)
 GPI00 is set low for programming (Boot from UART)
 GPI01 (UART TXD) must be float at boot (Boot ROM outputs to UART)
 GPI02 should be float or pulled high for normal operation (never connect directly)
 GPI02 is often connected to the module LED and is used as Output by bootrom.
 GPI015 must be low at boot for normal operation
 this sets RS485 TX active, but has no effect since DE is disabled

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