\* Can select each function for any PIN For POT object can use any PIN with ANALOG support. For LAMP can use any PIN with OUTPUT support. For SW, ROTARY, ENCODER can use any PIN with INPUT support. For drive gauge motors use pins marked as STP1-4 and PWM. LRU0000 64KB The system will set function based on the operation selected. VDD P01 P40 VDD VSS P02 PWR & PWR & P39 VSS CANBus CANBus CANL P03 P38 CANL CANH P04 P37 CANH INPUT OUTPUT OUTPUT PWM INPUT/OUTPUT/RX/D7 P05 P36 OUTPUT/RX/PWM4/C7 UART1 UART2 P35 OUTPUT/TX/PWM3/C6 INPUT/OUTPUT/TX/D6 P06 P34 OUTPUT/SDO/C5 INPUT/OUTPUT/D5 P07 OUTPUT SPI P33 OUTPUT/SDI/C4 INPUT/OUTPUT/D4 P08 INPUT/OUTPUT/D3 P09 P32 OUTPUT/SCK/C3 INPUT/OUTPUT/D2 P10 INPUT P31 OUTPUT/PWM2/C2 OUTPUT OUTPUT → GND GND 👉 PWM P30 OUTPUT/C1 INPUT/OUTPUT/D1 P11 P29 OUTPUT/CO INPUT/OUTPUT/DO P12 INPUT/OUTPUT/B7 P13 P28 OUTPUT/ANALOG/A5 INPUT/OUTPUT/B6 P14 P27 OUTPUT/ANALOG/STP4/A3 INPUT OUTPUT INPUT/OUTPUT/PWM5/B5 P15 OUTPUT ANALOG P26 OUTPUT/ANALOG/STP3/A2 ANALOG INPUT/OUTPUT/ANALOG/B4 P16 PWM P25 OUTPUT/ANALOG/STP2/A1 INPUT/OUTPUT/ANALOG/B1 P17 P24 OUTPUT/ANALOG/STP1/A0 INPUT/OUTPUT/ANALOG/B0 P18 P23 INPUT/OUTPUT/E2 INPUT/OUTPUT[ LEDS OUTPUT VSS P19 P22 OUTPUT/LEDR/E1 7 GND INPUT/E3 P20 7 INPUT P21 OUTPUT/LEDG/E0 SimMeters Sheet: / File: pnL\_0001.sch Title: EC-SGM PNL\_0001 Size: A4 Date: 01 JAN 2020 Rev: 1.0A KiCad E.D.A. eeschema (5.1.5)-3 ld: 1/1