* 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. 64KB LRU0000 The system will set function based on the operation selected. VDD ___P01 P40 VDD VSS P02 <u>P39</u> _{VSS} PWR & CANBus PWR & CANBus CANL P03 P38 CANL CANH P04 P37 CANH OUTPUT PWM UART1 P36 OUTPUT/RX/PWM4/C7 INPUT/OUTPUT/RX/D7 P05 INPUT OUTPUT P35 OUTPUT/TX/PWM3/C6 INPUT/OUTPUT/TX/D6 P06 UART2 P34 OUTPUT/SDO/C5 INPUT/OUTPUT/D5 P07 OUTPUT SPI INPUT/OUTPUT/D4 P08 P33 OUTPUT/SDI/C4 P32 OUTPUT/SCK/C3 INPUT/OUTPUT/D3 P09 INPUT/OUTPUT/D2 P10 P31 OUTPUT/PWM2/C2 INPUT OUTPUT OUTPUT PWM INPUT/OUTPUT/D1 P11 P30 OUTPUT/C1 P29 OUTPUT/C0 INPUT/OUTPUT/DO P12 INPUT/OUTPUT/B7 P13 P28 OUTPUT/ANALOG/A5 P27 OUTPUT/ANALOG/STP4/A3 INPUT/OUTPUT/B6 P14 OUTPUT ANALOG P26 OUTPUT/ANALOG/STP3/A2 INPUT/OUTPUT/PWM5/B5 P15 INPUT OUTPUT ANALOG INPUT/OUTPUT/ANALOG/B4 P16 P25 OUTPUT/ANALOG/STP2/A1 INPUT/OUTPUT/ANALOG/B1 P17 P24 OUTPUT/ANALOG/STP1/A0 PWM INPUT/OUTPUT/ANALOG/B0 P18 P23 INPUT/OUTPUT/E2 INPUT/OUTPUT[VSS P19 P22 OUTPUT/LEDR/E1 GND LEDS OUTPUT INPUT/E3 P20 TINPUT P21 OUTPUT/LEDG/E0 Copyright © 2015 SimMeters. All Rights Reserved. Rated 1.8 - 5.5V Typical 5V Max 0.5A 50°C normal use 0.02A http://simmeters.com File: lru-0000.sch Sheet: / Title: LRU0000-TYPE PINOUT Size: A4 Date: 11 feb 2015 Rev: 1.0A KiCad E.D.A. ld: 1/1