Logic Level Shifting RPI +5V +3.3V Enable Circuit Raspberry_Pi_2_3 ID_SD/GPI00 ID_SC/GPI01 R12 470R 12-GPI018/PWM0 GCLK0/GPI04 GCLK1/GPI05 GCLK2/GPI06 MISOO/GPIO SolderJumper_2_Open SCLK0/GPI011 U1 GTL2010PW PWM0/GPI012=32 PWM1/GPI013=33 rpi_33 GND +3.3V 2 3 4 (rpi_3) 2 - 3 (rpi5_3) U2 GTL2010PW Power IN/OUT +3.3V U3 GTL2010PW Rev. 01: Chip Enable added, 10 mA Level shifter output Sheet: / File: F010_rpi_logic_level_shifter_hat.sch Title: RPI Logic Level Shifter Size: A3 | Date: 2020-05-18 KiCad E.D.A. kicad 5.1.6