

DN2 | 5 D - | |
DN1 | 6 D + |
DN1 | 7 D - |
DN2 | 8 D + |
DN2 | 9 CR51 |
CC2 | 11 |
CND | 12 |
SHIELD | 13 | GND GND 🕁 USB4215



The LED indicates +3V power availability. Usually it's green, but you decide ;-)

GND 🕁

GND 🖶

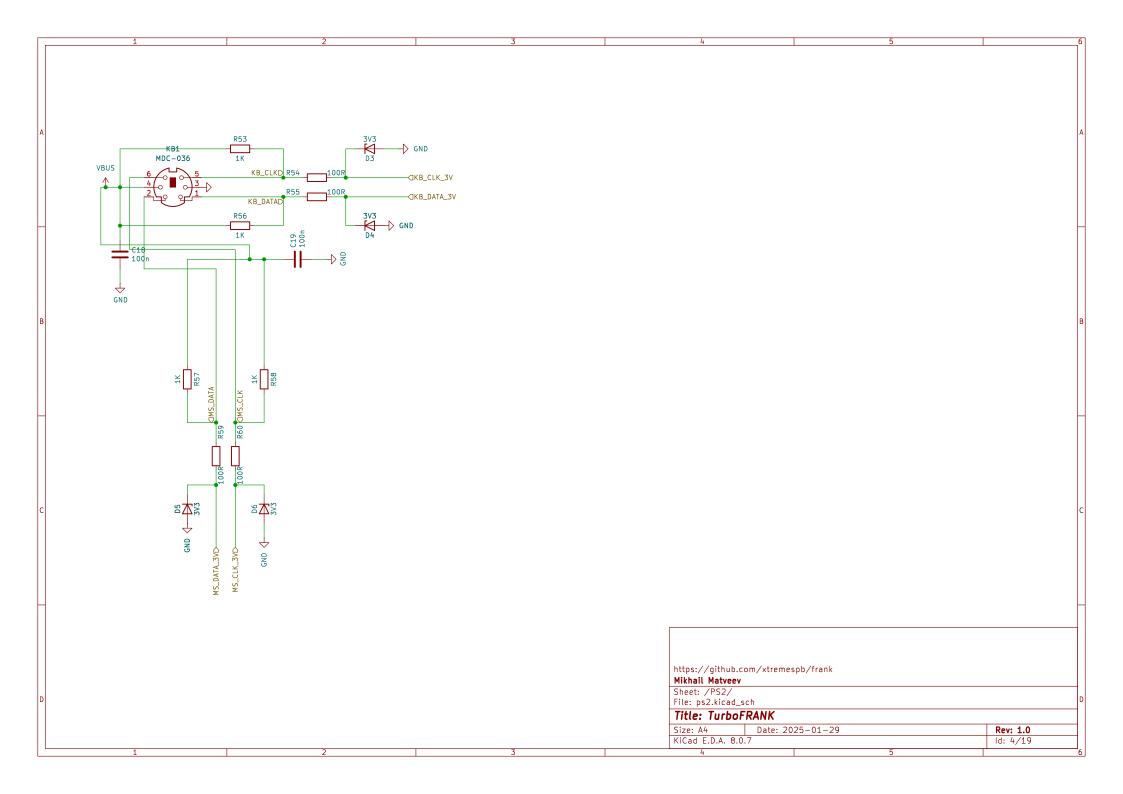
https://github.com/xtremespb/frank

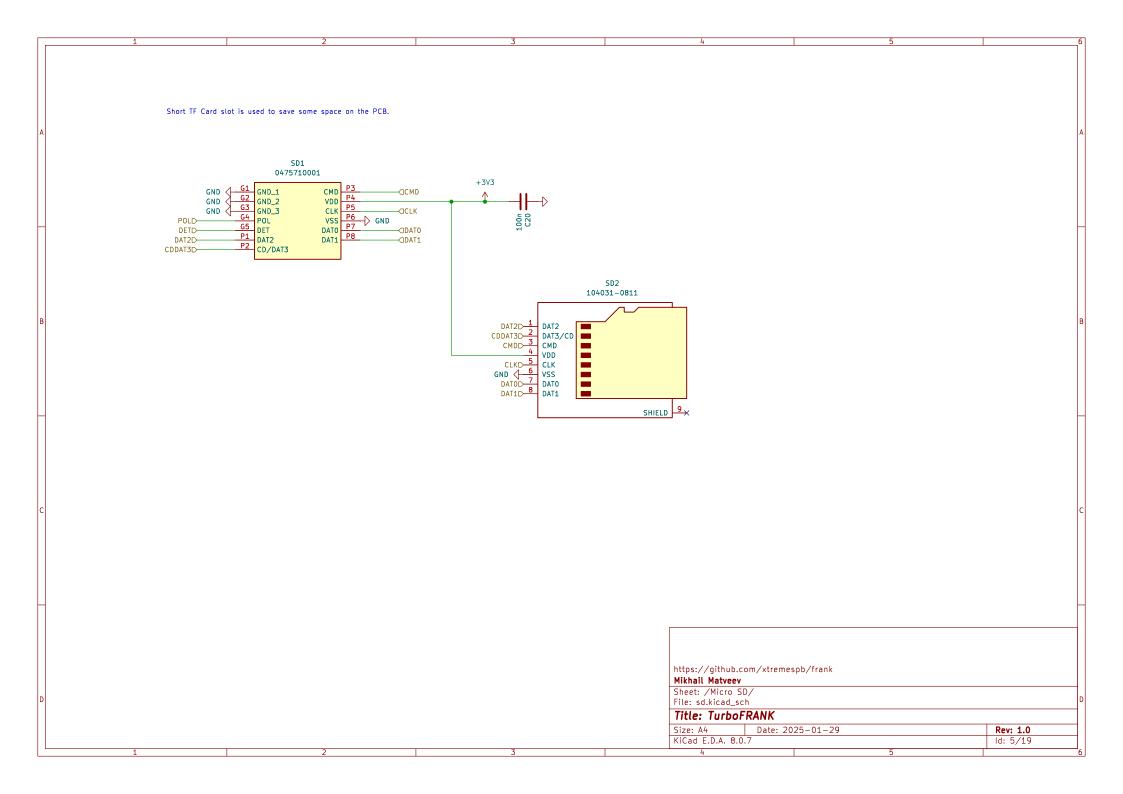
Mikhail Matveev

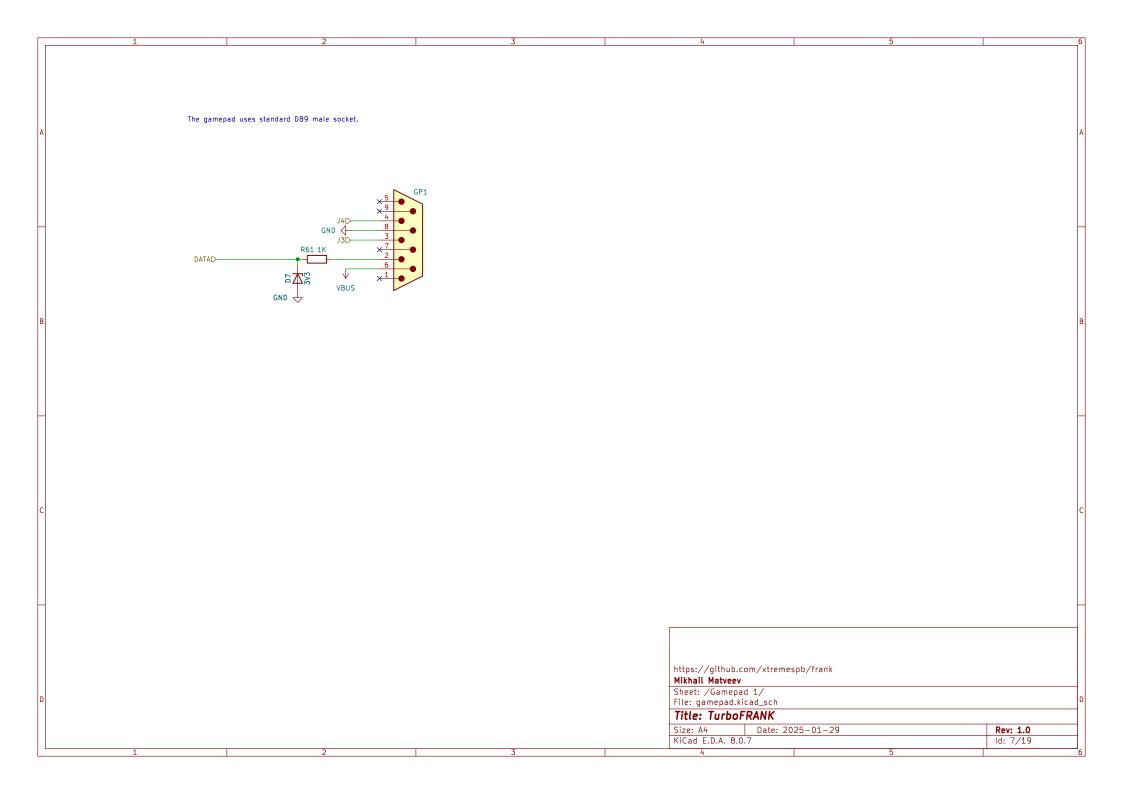
Sheet: /Power/ File: power.kicad_sch

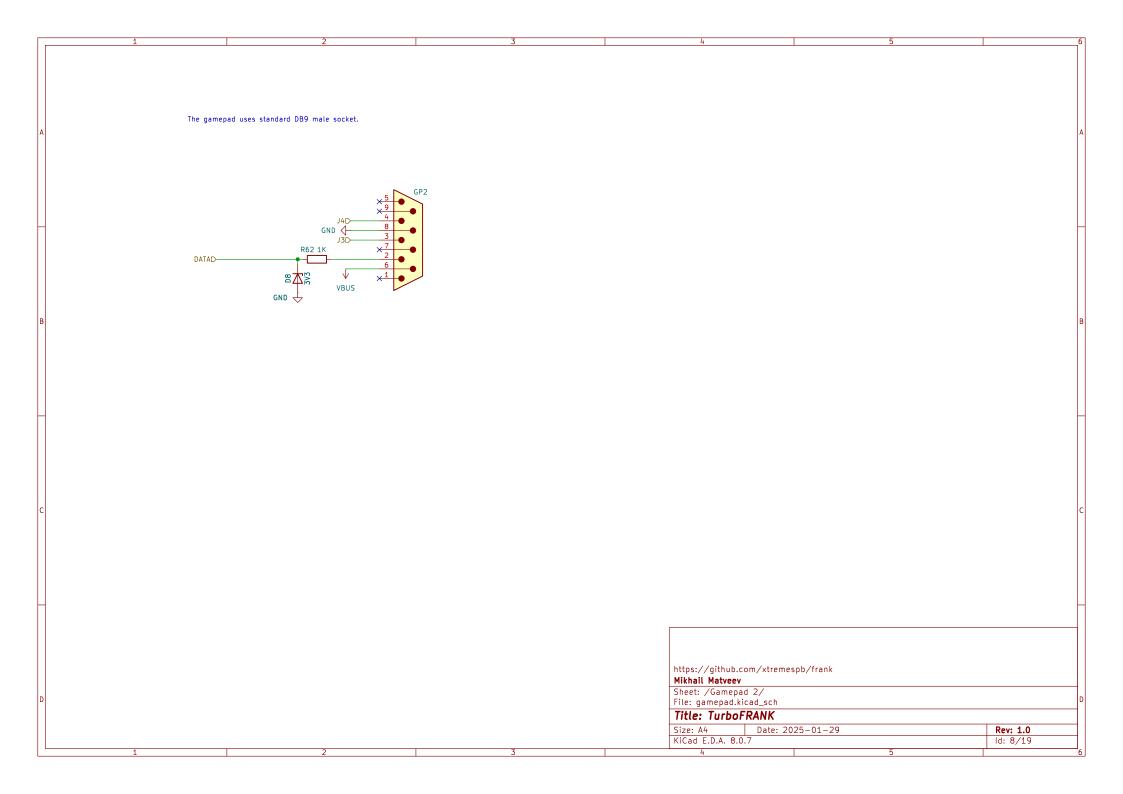
	le:				

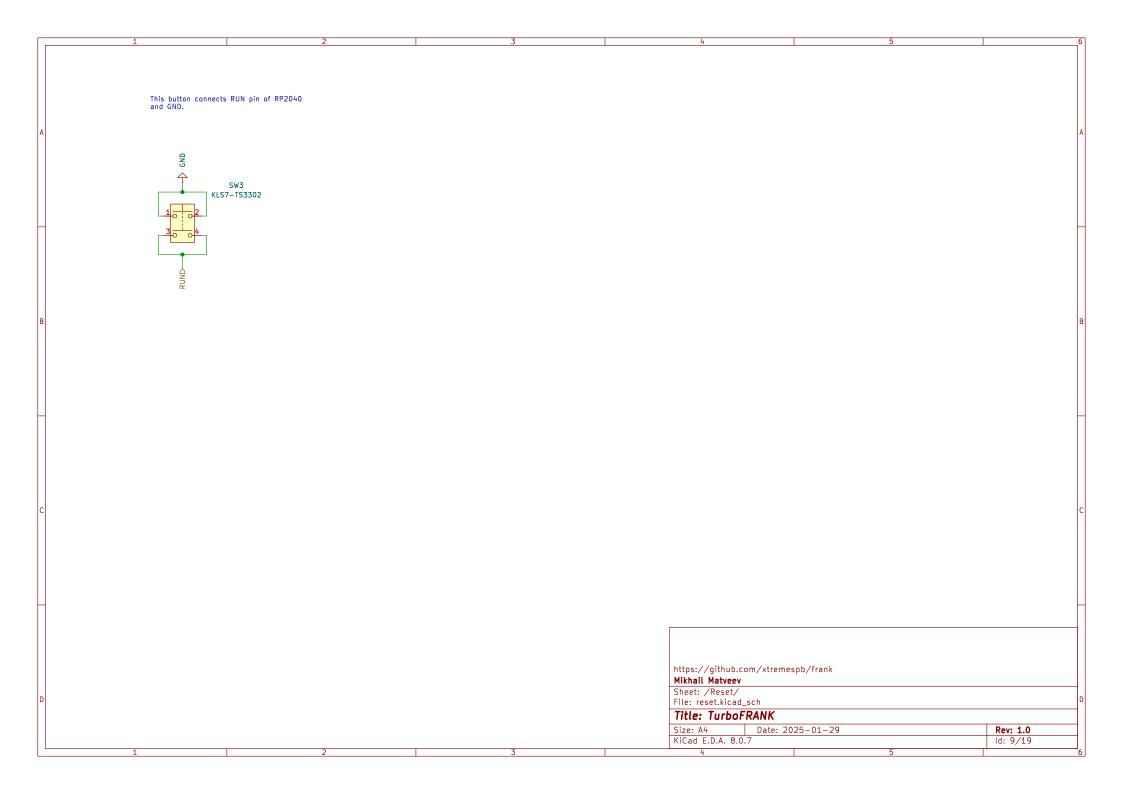
Size: A4 Date: 2025-01-29 Rev: 1.0 KiCad E.D.A. 8.0.7 ld: 3/19











HDMI video output requires the resistors to be close to the HDMI socket in order to work properly. SHIELD4 SHIELD3 SHIELD2 SHIELD1 ABnz 122 HOT_PLUG_DET +5V G_DDC/CEC SDA SCL NC NC 14 13 CEC HDMI1 CLKN -dclkn 11 10 9 DC3RX19JA2 G_CLK CLKP -CLKP 270R DON G_DO ⊸D0N DOP -⊲D0P R6 270R D1N ⊸D1N G_D1 D1P -OD1P D2N ⊸D2N G_D2 D2P -OD2P GND https://github.com/xtremespb/frank Mikhail Matveev Sheet: /HDMI/ File: hdmi.kicad_sch Title: TurboFRANK Size: A4 Date: 2025-01-29 Rev: 1.0 KiCad E.D.A. 8.0.7 ld: 10/19

