MCU

SDRAM

SAI

POWER PWR FLAG

12V to 5V Regulator

3.3V Regulators

Button

RGBLCD

SD/TF Card

IMU

LEDs

CAN

NRF24

Joystick

UART

U1 STM32F429IGTx

IC1 W9825G6KH-6

U3 ES8388 / IC ES8388

IC2 MD8002A

U7 TPS54360DDA

U5 LM1117-3.3

U8 LP5907MFX-3.3

U6 CAT6219-330TDGT3

U2 TJA1050

U4 ICM-20602

J1 SWD

J3 SD_Card

J5 RGBLCD

J2 NRF

J4 Joystick_L

J6 Joystick_R

J7 UART