MCU

SDRAM

SAI

POWER

PWR FLAG

12V to 5V Regulator

3.3V Regulators

SD/TF Card

RGBLCD

Button

IMU

LEDs

CAN

NRF24

Joystick

UART

U1 STM32F429IGTx

IC1 W9825G6KH-6

U3 ES8388

IC2 MD8002A

J5 RGBLCD

J3 SD_Card

U2 TJA1050

J2 NRF

U4 ICM-20602

U7 TPS54360DDA

U5 LM1117-3.3V

U8 LP5907MFX-3.3

U6 CAT6219-330TDGT3