

GND M0 M1 PTT AUD ST RXD TXD EN VDD



8k2 8k2 47 2k2 8k2 680 FB  
10k 10k FDU381N 10k 10k 100k 10u/16u

10u/16u

47k

10k



100k

10u/16u

470p

1u

TC1015-2.8VCT

100n

VCC

SW-CLK

GND

SW-DIO

RST

SWO

DEBUG

FB

10u/16u

1u

470p

1u

TC1015-2.8VCT

MCP6001U

100n

3n3

5k6

12k

FB 100n

100n

STM32F446RET6

10k

ABH3B-8.000MHZ-10-1-U-T

12p

12p

24AA64-1/OT

4k7

4k7

47 47 47 47

100n

4k7 4k7

10k

100n

1u

1u

SSTU CAMERA  
OK2ALP V3/2019

Y  
R

100n

680

680

OV2640

OV2640

2.35

1.40