

GND M0 M1 PTT AUD ST TXD RXD EN VDD



8k2 8k2 47 2k2 8k2 2k2 2k2 FB  
680 2k2 2k2  
10k 10k FDU381N 10k 10k

10u/16V

47k

10k

GND



100k

10u/16V

470p

1u

TC1015-2.8VCT

100n

MCP6001U

100n

47n

10u/16V 1R

15p

24AA64-1/OT

15p

4k7

4k7

VCC

SW-CLK

GND

SW-DIO

RST

SWO

SSTU CAMERA  
OK2A1P V3.2.0

FB 100n

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

10k

STM32F446RET6

47 47 47 47

DEBUG

FB

100n

10u/16V

4k7 4k7

10k

1u

100n

680

680

100n

470p

1u

TC1015-2.8VCT

1u

1u

OV2640

OV2640

1.40

2.35

TOP  
TPLACE  
SILK