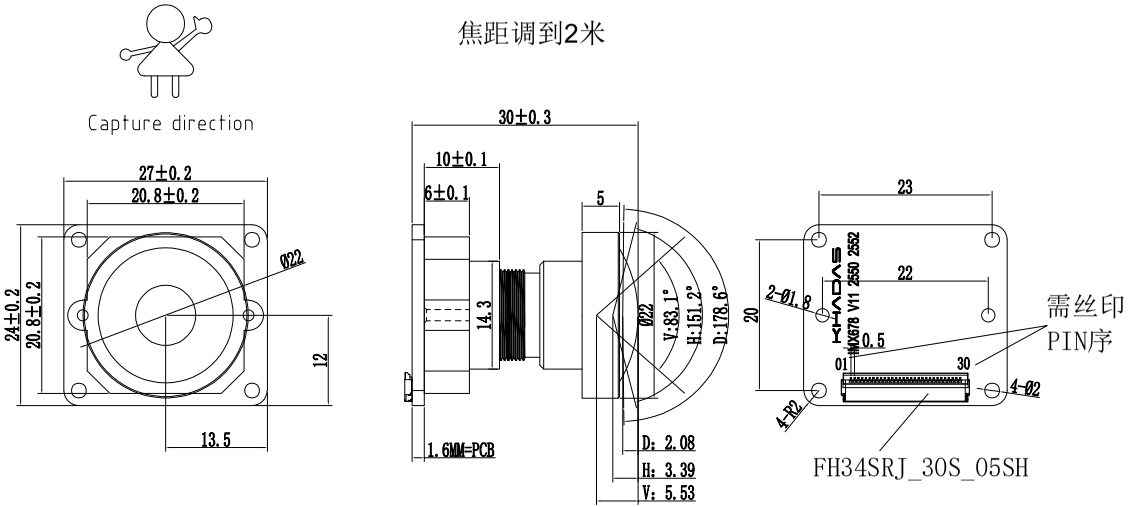
RoHS

| REV. | D/ECN NO. | LOCATION | DESIGN CHANGE DESCRIPTION | DATE | SIGN |
|---|---|---|---|---|---|
| V11 | - | - | Initial issue | 2025/12/08 | XL ZOU |
| | | | | | |




| Pin | #1 | #2 | #3 | #4 | #5 | #6 | #7 | #8 | #9 | #10 | #11 | #12 | #13 | #14 | #15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | GND | MDN3 | MDP3 | GND | MDN2 | MDP2 | GND | NC | NC | GND | MDN1 | MDP1 | GND | MDN0 | MDP0 |
| | #16 | #17 | #18 | #19 | #20 | #21 | #22 | #23 | #24 | #25 | #26 | #27 | #28 | #29 | #30 |
| | GND | MCN | MCP | NC | MCLk | NC | SCL | SDA | RESET | DOVDD | GND | GND | VDD3.3V | VDD3.3V | VDD3.3V |

红色网络阻抗100欧姆

| 主要参数 | | | | |
|---|---|---|---|---|
| | 镜头类型(Lens Size) | 1/1.8INCH | 感光芯片(Chip Type) | IMX678 |
| | 焦距(EFL) | 2.94MM | 像素(Array Size) | 3840*2160 |
| | 光圈(F.NO) | 1.6±5% | 数字电源电压(DVDD) | 1.1V |
| | 视场角(View Angle) | D:176.6° H:151.2° V:83.1° | 接口电源电压(DOVDD) | 1.8V |
| | 畸变(Distortion) | <-30.25% | 接口电源电压(AVDD) | 3.3V |

1、DVDD1.1V电源需从3.3V转。
2、电源主路径滤波电容需预留两颗电容位置，空间足够保证芯片，每个电源管脚预留一颗电容。方便调试验证。
3、IMX678芯片NC脚接GND。

| GENERAL TOLERANCE | | | SIGN | DATE | / | | PART NAME | | IMX678 | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| X.±0.5 | X.°±2.0 | DESIGN | XL ZOU | 2025/12/08 | | | PART NO. | | N/A | | |
| .X±0.25 | .X°±1.5 | APPROVAL | | | REV. | V11 | SCALE | 1:1 | PROCESS | CNC | KHADAS |
| .XX±0.10 | .XX°±0.5 | THIRD ANGLE | | | PAGE 1 OF 1 | | UNIT | mm | KHADAS TECHNOLOGY CO., LTD. | | |