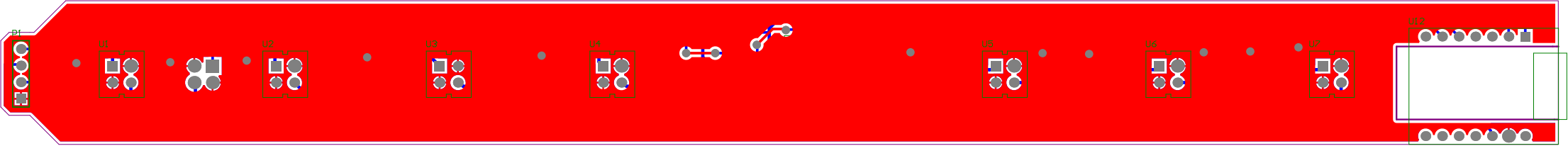
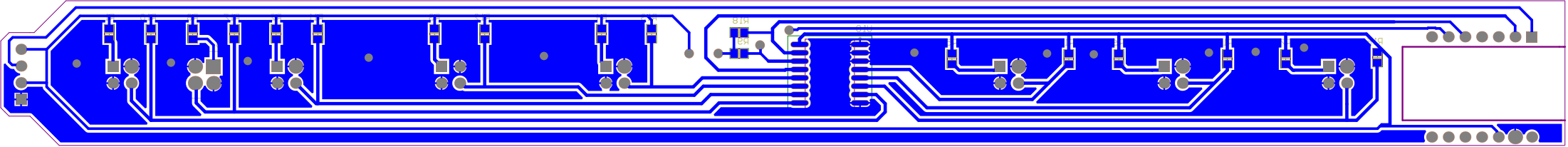


| | | | |
|-------|---------------------|---------------|----------|
| Title | | Airflute | |
| Size | | TELECOM-Paris | |
| A4 | Number | 1/1 | Revision |
| | | | A |
| Date: | 11/19/2024 | Sheet of | |
| File: | D:\pcb\cny70.SchDoc | Drawn By: | KBK |





| Comment | Description | Designator | Footprint | LibRef | Quantity | Mouser |
|----------|--|--|-----------|---------|----------|-------------------|
| MHDR1X4 | Header, 4-Pin | P1 | HDR1X4 | MHDR1X4 | 1 | 200-HTSW10408GSRA |
| Res100 | Resistor | R1, R2, R3, R4, R5, R6, R7, R8 | 6-0805_L | Res2 | 8 | WR08X1000FTL |
| Res10k | Resistor | R9, R18 | 6-0805_L | Res2 | 2 | RC0805JR-1310KL |
| Res4.7k | Resistor | R10, R11, R12, R13, R14, R15, R16, R17 | 6-0805_L | Res2 | 8 | CRGH0805F4K7 |
| CNY70 | Reflective Optical Senso, [NoValue] | U1, U2, U3, U4, U5, U6, U7, U8 | ncy70 | CNY70 | 8 | 782-CNY70 |
| PCFf8574 | Remote 8-Bit I/O Expander for I2C | U10 | DW016_M | pcf8574 | 1 | 595-PCF8574APWR |
| xiao | ESP32-S3 is a low-power MCU-based system | U12 | xiao | xiao | 1 | 713-113991054 |