

STELLA-Q2 parts list

| Line | QTY | Item | Manufacturer PN | Manufacturer | Cost each (\$) | Line cost (\$) |
|------|-----|---------------------------------|-----------------|------------------|----------------|----------------|
| 1 | 1 | Thing Plus RP2040 | DEV-17745 | SparkFun | 20 | 20 |
| 2 | 1 | TRIAD spectral sensor | SEN-15050 | SparkFun | 70 | 70 |
| 3 | 1 | PCF8523 real time clock | 5189 | Adafruit | 5 | 5 |
| 4 | 1 | CR1220 battery for clock module | CR1220 | widely available | 1 | 1 |
| 5 | 1 | 128x32 OLED display | 4440 | Adafruit | 12.5 | 12.5 |
| 6 | 1 | i2c button | BOB-16842 | SparkFun | 5 | 5 |
| 7 | 4 | qwiic cables, 100mm | 4210 | Adafruit | 1 | 4 |
| 8 | 1 | battery disconnect switch | 3064 | Adafruit | 3 | 3 |
| 9 | 1 | cylindrical battery, 2200mAh | 1781 | Adafruit | 10 | 10 |
| 10 | 1 | USB C cable | CAB-16905 | SparkFun | 5 | 5 |
| 11 | 1 | micro SD card | 5249 | Adafruit | 3.5 | 3.5 |
| 12 | 1 | micro SD card reader | 5212 | Adafruit | 7 | 7 |
| | | | | | total | 146 |