# Bill of Materials: SecureX Rev. A
# 18/06/2024

**Schematic Components**

| Item Number | Quantity | Value | Description | Part Reference | Manufacturer | Manufacturer Part Number | Supplier-1 | Supplier-1 Part Number | Unit Cost | | Total cost |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | 2 | - | Tactile Switch SPST-NO Top Actuated Through Hole | SW1, SW2 | TE Connectivity ALCOSWITCH Switches | 1825910-6 | DigiKey | 450-1650-ND | € | 0.120 | € 0.240 |
| 2 | 2 | 10k | 10 kOhms ±5% 0.25W, 1/4W Through Hole Resistor Axial Flame Retardant Coating, Safety Carbon Film | R1, R2 | Stackpole Electronics Inc | CF14JT10K0 | DigiKey | CF14JT10K0TR-ND | € | 0.090 | € 0.180 |
| 3 | 1 | - | Graphic LCD Display Module Transmissive Yellow OLED I2C 0.96" (24.38mm) 128 x 64 | U1 | Midas Displays | MDOB128064V2V-YI | DigiKey | 3086-MDOB128064V2V-YI-ND | € | 9.630 | € 9.630 |
| 4 | 1 | - | Development Boards & Kits - ARM Discovery kit STM32F407VG MCU * New order code STM32F407G-DISC1 | - | STMicroelectronics | STM32F407G-DISC1 | Mouser | 511-STM32F407G-DISC1 | € | 19.680 | € 19.680 |
| | | | | | | | | **Total** | **€** | | **29.73** |