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| S/N | Component | Component Model | Quantity | Communication |
| 1 | Arduino Uno | Arduino Uno | 1 |  |
| 2 | Finger Print | Optical Fingerprint Sensor | 1 | Communication baud rate (UART): (9600 ╳ N) bps where N = 1 ~ 12 (default value N = 6, ie 57600bps) |
| 3 | Camera | ESP32 ESP32-CAM WIFI Bluetooth Development Board 5V OV2640 Camera Module | 1 | WIFI / Bluetooth /SPA/PA |
| 4 | Speaker | KY-012 ACTIVE BUZZER MODULE | 1 | - |
| 5 | NFC Sensor | MFRC522 | 1 | SERIAL UART  SPI  I2C-BUS |
| 6 | KeyPad | 3X4 keypad | 1 | - |
| 7 | Wifi Module | D1 Mini ESP8266 | 1 | I2C |
| 8 | Resistors | ELEGOO | 1 | - |
| 9 | Cables | Model B 1 1/+⅔ Computer Module Zero | 1 | - |
| 10 | Wires | 40PCS 20cm 2.54MM FF FM MM Dupont wire jumper cables male to female For Arduino | 1 | - |
| 11 | LEDs | ESP8266 WS2812 Led Controller ESP-01 ESP-01S RGB IDE Adapter Modul Arduino | 1 | - |
| 12 | Power Supply | MB102 Breadboard Power Supply Module 3.3V/5V For Arduino Breadboard | 1 | - |

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| S/N | Component | Sellers LInk |
| 1 | Arduino Uno |  |
| 2 | Finger Print | http://vi.raptor.ebaydesc.com/ws/eBayISAPI.dll?ViewItemDescV4&item=322778803206&category=175837&pm=1&ds=0&t=1607084617000&ver=0 |
| 3 | Camera | https://www.ebay.de/i/264251395187?chn=ps&norover=1&mkevt=1&mkrid=707-134425-41852-0&mkcid=2&itemid=264251395187&targetid=857931346246&device=c&mktype=pla&googleloc=9044053&poi=&campaignid=10215345553&mkgroupid=105782607287&rlsatarget=pla-857931346246&abcId=1139676&merchantid=7364532&gclid=CjwKCAiA\_Kz-BRAJEiwAhJNY73ePbAJbmKAj7GrZZR4JwXkSOWjZTjDo4cURy8oMoRgTslym4sxiABoCidoQAvD\_BwE |
| 4 | Speaker | https://www.ebay.de/itm/KY-012-Aktiver-Buzzer-Piezo-Sounder-Speaker-fur-Arduino-Funduino-Mikrocontroller/164198856875?\_trkparms=ispr%3D1&hash=item263b03b8ab:g:D6UAAOSwYpVevT4s&amdata=enc%3AAQAFAAACcBaobrjLl8XobRIiIML1V4Imu%252Fn%252BzU5L90Z278x5ickkfOCvCjTOBWK8pwriaolq5tkewjtoRaa%252BkKzqkr5F22eASmlfKK95DPyC%252BfXn6vNNRydIU%252BhApFJTuuYJ3UYgLQ88u%252BtYrnCqCTIGDWRJAwY4IGnld%252FHnLjp7KN1655wluU6gnAGp8jY91HdUpbVFA5vaLHNBCIUTe18QMCoZeiRE%252FoutD%252B5hni7LwJ2ixZGR3z9ulH7e9aXSiS944jmTttuZcsOxkXXCTf%252FQ5AFK39pJm0uejYZMWoTcIudopwjPS%252BTdOYeHGGN0WlQEr47TSVe4gfpEFoMtuKrFSDN3eWsdN5GX8iluUpvFUBRXfgeUQjsk8l5%252Bm5iSIn7q9TMxPCIK2dzaSJFdAx57aPs4Yr7bdsR46JqH7Wquxx96%252BJhzFI8nPJSVCNW36y9U1InUFbz61O6UgOhikv8sGIG5T2lJ1oLsKdGuEoG81BfXaAQhE2Pp2Nd2gxCOf7w13OyNuEMyndfVh1uNamJFWMSPd3nS1gvFp%252FXhsFnYxNv8mN5kevEd1rvDEsajlGxhVnpezG9T%252BNyojhaoPEEpcum6SzlRZkpjX0vadybthwaVsrXBvjSqa6sn%252BNYgh2eSD7nOhzGto5vtu5o1Hv6RObwErjkYwyTbLVK7BTLM20Y%252BWVH%252Fp3fiOHH%252F4Fdfc6Ygx668v95WZ%252FVMEUJ%252FV27k7EitdnUq2OzFIFvgdSVuA4%252BtFn9yA%252FHg8jXwotIdmhQ1GeC3GaKuEP8fXPDUA4C%252BMNkr0wsER8ywyniYFoQh5MpvCEUAJJJH92htD8HWzmmHaw5V6w%253D%253D%7Ccksum%3A164198856875d4ba9442be784705964d3d74031133a0%7Campid%3APL\_CLK%7Cclp%3A2334524 |
| 5 | NFC Sensor |  |
| 6 | KeyPad | https://www.ebay.de/itm/4x4-Matrix-Tastatur-Keypad-16-Tasten-Array-Folientastatur-Arduino-Raspberry-Pi/162887190060?hash=item25ecd5462c:g:CU0AAOSwseJfHJGc |
| 7 | Resistors | https://www.amazon.de/stores/page/09076FC3-85F3-4D2D-A70C-005069758E5A/?\_encoding=UTF8&store\_ref=SB\_A02960722KEIETMKUSOJK&aaxitk=vRr2AE4HqB4kBHuTbrld1g&hsa\_cr\_id=9385213750402&lp\_asins=B01M7N4WB6%2CB01M30ZWQR%2CB072BHDBDG&lp\_mat\_key=widerstand&lp\_query=widerst%C3%A4nde&lp\_slot=auto-sparkle-hsa-tetris&ref\_=sbx\_be\_s\_sparkle\_mcd\_hl&pd\_rd\_w=IBL9i&pf\_rd\_p=67a7b036-ab85-4ea4-b1bb-5c82d987792a&pd\_rd\_wg=uqR1d&pf\_rd\_r=AMBHQWYZPV8PYRNYRVK7&pd\_rd\_r=0cc4740b-2efd-4b0e-9202-495a57173cfc |
| 8 | Cables | https://www.amazon.de/-/en/40-Pieces-Breadboard-Bridges-Raspberry-Computer/dp/B01LVVIOUO/ref=sr\_1\_9?dchild=1&keywords=kabel+f%C3%BCr+arduino+uno&qid=1607582030&quartzVehicle=35-163&replacementKeywords=kabel+f%C3%BCr+arduino&sr=8-9 |
| 9 | Wires | https://www.ebay.com/itm/40PCS-20cm-2-54MM-FF-FM-MM-Dupont-wire-jumper-cables-male-to-female-For-Arduino/312724733910?hash=item48cfd8bfd6:g:05sAAOSwlbZdSZ6E |
| 10 | LEDs | https://www.ebay.com/itm/ESP8266-WS2812-Led-Controller-ESP-01-ESP-01S-RGB-IDE-Adapter-Modul-Arduino/253998572703?hash=item3b237ea49f:g:SPEAAOSwhfRb-uFc |
| 11 | Power Supply | https://www.ebay.com/itm/MB102-Breadboard-Power-Supply-Module-3-3V-5V-For-Arduino-Breadboard/262123803369?\_trkparms=ispr%3D1&hash=item3d07cbd2e9:g:TTsAAOSwuG1cvWyY&amdata=enc%3AAQAFAAACcBaobrjLl8XobRIiIML1V4Imu%252Fn%252BzU5L90Z278x5ickkXKoKcbeZcOrOku%252BoOBl%252BS4us9iuDVlL%252BTbbJYeWCxN31soVjwjiKW%252FrqSmNO9ovKp6bBeQZlYELUHhAg%252B8K%252BXcCo3ybLez0gNdnbZsSMaSyxIWGE8uo0gHPv9f%252Fl0ytIKKx6TEvvQ%252F6kW%252By9Xp795i0BLcNgiBq4wNJSwLRGVtRrjbUyZKc8HXBTtfqxQ%252BWDGzwLplD5xDF9zLsoLGCS%252BIEi8LrVeg2aPh7rdJO4W%252BG8pJLAqwk3G1lnhKhruESbY%252BiiTFiUwWj0YN4M%252FDwfKoQX0IJOyRQrg4eZES0DZbEC4G8WCX3KkHSJNm4i8kbiDAZu1G5KVIvLBekL%252F5Hh%252Bkq2k5PpVpLuHdR%252F%252BdAu72GnpEC0EivmFiVifzjMNcehhqepbSYGPZO9%252FSKtCkMpjzzNvVMp9zmJtWc0AF%252BRHhLAOpfwPUOKvbEnoevDAnnpYOcm2L2YDFx%252BuZiLW2TV%252FGFxWVSmtP%252FoR59XuVJ3TuTP%252FiaEzv%252Frjuf5SOqZafGWN3b5Zng2XuroInrQSVsOIa4vM867z5D%252FaGOPz2Bb%252BUiiFF7cjf%252BpCg028Sy1K7F%252F8qo%252FsZqzWD%252F1lmf4q6H3F1PVmuCilzFjmPTNgcSyThYhIVlcq23pGM6HTSq1rPdT9zAtOi4AO7ialiRqxQ7EcaaOc%252FgdOnp9iGxuka%252FgRCv%252FfljopTK%252B45hKPwTrw3NQetGW2kAXxqF3bfjFK5LUMAZUFAE%252F6XrCWKZ6Ft0GL7HPbxx3u9ldovrbAourbZDgxeZtOBHk%252BXjIJegBPMveGg%253D%253D%7Ccksum%3A26212380336953ac3f3c2bf6455389f084caba54c7c3%7Campid%3APL\_CLK%7Cclp%3A2334524 |