**BILL OF MATERIALS**

|  |  |  |  |
| --- | --- | --- | --- |
| **Component** | **Pieces** | **Price (NAIRA)** | **Component order link (Ali Express)** |
| Stm32f103 | 1 | 1,737 | https://www.aliexpress.com/item/32719680030.html?spm=a2g0o.productlist.0.0.4b553e71DkFirH&algo\_pvid=9581864b-fd6f-4940-9dc7-72e6dd821a24&algo\_exp\_id=9581864b-fd6f-4940-9dc7-72e6dd821a24-0&pdp\_ext\_f=%7B%22sku\_id%22%3A%2212000020698196338%22%7D&pdp\_pi=-1%3B1737.71%3B-1%3B-1%40salePrice%3BNGN%3Bsearch-mainSearch |
| Uc3843 | 1 | 40 | https://www.aliexpress.com/item/1005002851805876.html?spm=a2g0o.productlist.0.0.2d1b17128iQdW4&algo\_pvid=2b0b2bf7-a20b-4445-92bc-edb4e0a227ca&aem\_p4p\_detail=2022040617142410056117392573980096204558&algo\_exp\_id=2b0b2bf7-a20b-4445-92bc-edb4e0a227ca-0&pdp\_ext\_f=%7B%22sku\_id%22%3A%2212000022463905286%22%7D&pdp\_pi=-1%3B403.25%3B-1%3B-1%40salePrice%3BNGN%3Bsearch-mainSearch |
| 4x4 keypad | 1 | 153 | https://www.aliexpress.com/item/4000121724039.html?spm=a2g0o.productlist.0.0.3db367f6c393wJ&algo\_pvid=7c45a00a-fe75-4c72-a854-98167a44811e&aem\_p4p\_detail=202204061716336794807316959880035120381&algo\_exp\_id=7c45a00a-fe75-4c72-a854-98167a44811e-1&pdp\_ext\_f=%7B%22sku\_id%22%3A%2210000000334646887%22%7D&pdp\_pi=-1%3B15360.84%3B-1%3B-1%40salePrice%3BNGN%3Bsearch-mainSearch |
| 12pinLCD connector | 1 | 8.6 | https://www.aliexpress.com/item/1005002327965820.html?spm=a2g0o.productlist.0.0.1c222b49JaRmJb&algo\_pvid=bc604d58-0667-43f0-b36b-1e3f7605407e&aem\_p4p\_detail=202204061717024316811146464350110837314&algo\_exp\_id=bc604d58-0667-43f0-b36b-1e3f7605407e-6&pdp\_ext\_f=%7B%22sku\_id%22%3A%2212000020108855031%22%7D&pdp\_pi=-1%3B453.13%3B-1%3B382.46%40salePrice%3BNGN%3Bsearch-mainSearch |
| Cicada GSM module | 1 | 2000 |  |
| Rs232 *TTL converter module* | 1 | 174 | https://www.aliexpress.com/item/1005003091082827.html?spm=a2g0o.productlist.0.0.29432552h9Z8ez&algo\_pvid=ce55357d-e6e7-4610-a0df-50966019797a&aem\_p4p\_detail=2022040617183911665502201129750054267303&algo\_exp\_id=ce55357d-e6e7-4610-a0df-50966019797a-1&pdp\_ext\_f=%7B%22sku\_id%22%3A%2212000024024728654%22%7D&pdp\_pi=-1%3B174.6%3B-1%3B266.06%40salePrice%3BNGN%3Bsearch-mainSearch |
| buzzer | 1 | 3.6 | https://www.aliexpress.com/item/1005003199495358.html?spm=a2g0o.productlist.0.0.45003f7cxjM70H&algo\_pvid=9c577c05-8948-4e34-8363-e1b74e753ed7&aem\_p4p\_detail=2022040617191310661996494452550003695012&algo\_exp\_id=9c577c05-8948-4e34-8363-e1b74e753ed7-4&pdp\_ext\_f=%7B%22sku\_id%22%3A%2212000024626738119%22%7D&pdp\_pi=-1%3B365.83%3B-1%3B-1%40salePrice%3BNGN%3Bsearch-mainSearch |
| RTC module (HW-111) | 1 | 224 | https://www.aliexpress.com/item/1005001579759294.html?spm=a2g0o.productlist.0.0.2a82114fdABr7B&algo\_pvid=6a97eea8-305e-417a-9c46-0e7ecdcec54a&algo\_exp\_id=6a97eea8-305e-417a-9c46-0e7ecdcec54a-1&pdp\_ext\_f=%7B%22sku\_id%22%3A%2212000016669396939%22%7D&pdp\_pi=-1%3B224.49%3B-1%3B-1%40salePrice%3BNGN%3Bsearch-mainSearch |
| Bc547 | 1 | 3.8 | https://www.aliexpress.com/item/1005002626854988.html?spm=a2g0o.productlist.0.0.1c593d83T3UEby&algo\_pvid=2177df32-8943-451d-8020-32b6b813c0dd&aem\_p4p\_detail=20220406172032161830809877760001219439&algo\_exp\_id=2177df32-8943-451d-8020-32b6b813c0dd-1&pdp\_ext\_f=%7B%22sku\_id%22%3A%2212000021463286722%22%7D&pdp\_pi=-1%3B386.62%3B-1%3B1093.34%40salePrice%3BNGN%3Bsearch-mainSearch |
| Tip41c | 1 | 49 | https://www.aliexpress.com/item/4000119692772.html?spm=a2g0o.productlist.0.0.2fb85afbemfL3c&algo\_pvid=9b7f2aeb-4ffc-48a2-9fb5-c4f7903dc16b&aem\_p4p\_detail=202204061721033875663129639840110841392&algo\_exp\_id=9b7f2aeb-4ffc-48a2-9fb5-c4f7903dc16b-3&pdp\_ext\_f=%7B%22sku\_id%22%3A%2210000000328617778%22%7D&pdp\_pi=-1%3B49.89%3B-1%3B-1%40salePrice%3BNGN%3Bsearch-mainSearch |
| L7805 | 1 | 53 | https://www.aliexpress.com/item/33008850369.html?spm=a2g0o.productlist.0.0.21dd4918KCgP4P&algo\_pvid=79ceb999-2eba-4f50-b682-aee845c0b673&aem\_p4p\_detail=202204061724371473115514598720024067972&algo\_exp\_id=79ceb999-2eba-4f50-b682-aee845c0b673-0&pdp\_ext\_f=%7B%22sku\_id%22%3A%2267029175931%22%7D&pdp\_pi=-1%3B532.12%3B-1%3B-1%40salePrice%3BNGN%3Bsearch-mainSearch |
| 3 pin connectors | 1 | 8.6 | https://www.aliexpress.com/item/1005002327965820.html?spm=a2g0o.productlist.0.0.1c222b49JaRmJb&algo\_pvid=bc604d58-0667-43f0-b36b-1e3f7605407e&aem\_p4p\_detail=202204061717024316811146464350110837314&algo\_exp\_id=bc604d58-0667-43f0-b36b-1e3f7605407e-6&pdp\_ext\_f=%7B%22sku\_id%22%3A%2212000020108855031%22%7D&pdp\_pi=-1%3B453.13%3B-1%3B382.46%40salePrice%3BNGN%3Bsearch-mainSearch |
| 2pin connector | 4 | 8.6 | https://www.aliexpress.com/item/1005002327965820.html?spm=a2g0o.productlist.0.0.1c222b49JaRmJb&algo\_pvid=bc604d58-0667-43f0-b36b-1e3f7605407e&aem\_p4p\_detail=202204061717024316811146464350110837314&algo\_exp\_id=bc604d58-0667-43f0-b36b-1e3f7605407e-6&pdp\_ext\_f=%7B%22sku\_id%22%3A%2212000020108855031%22%7D&pdp\_pi=-1%3B453.13%3B-1%3B382.46%40salePrice%3BNGN%3Bsearch-mainSearch |
| Capacitor (0.1uf multi-layer) | 10 | 1.2 | https://www.aliexpress.com/item/1005003938943169.html?spm=a2g0o.productlist.0.0.2b4a36ffaVpK7C&algo\_pvid=9ed001f1-0491-4b2e-be2d-ea22ad848e9b&algo\_exp\_id=9ed001f1-0491-4b2e-be2d-ea22ad848e9b-49&pdp\_ext\_f=%7B%22sku\_id%22%3A%2212000027515331207%22%7D&pdp\_pi=-1%3B120.56%3B-1%3B-1%40salePrice%3BNGN%3Bsearch-mainSearch |
| Capacitor(470uf/10v) | 4 | 20 | https://www.aliexpress.com/item/1005003744840530.html?spm=a2g0o.productlist.0.0.2ba663f3oVOMye&algo\_pvid=8fe25fa9-1ff4-4c09-9b27-ac9914e3426e&algo\_exp\_id=8fe25fa9-1ff4-4c09-9b27-ac9914e3426e-1&pdp\_ext\_f=%7B%22sku\_id%22%3A%2212000027014819973%22%7D&pdp\_pi=-1%3B403.25%3B-1%3B232.8%40salePrice%3BNGN%3Bsearch-mainSearch |
| Capacitor(470uf/25v) | 3 | 20 | https://www.aliexpress.com/item/1005003744840530.html?spm=a2g0o.productlist.0.0.2ba663f3oVOMye&algo\_pvid=8fe25fa9-1ff4-4c09-9b27-ac9914e3426e&algo\_exp\_id=8fe25fa9-1ff4-4c09-9b27-ac9914e3426e-1&pdp\_ext\_f=%7B%22sku\_id%22%3A%2212000027014819973%22%7D&pdp\_pi=-1%3B403.25%3B-1%3B232.8%40salePrice%3BNGN%3Bsearch-mainSearch |
| Capacitor(100uf/35v) | 4 | 20 | https://www.aliexpress.com/item/1005003744840530.html?spm=a2g0o.productlist.0.0.2ba663f3oVOMye&algo\_pvid=8fe25fa9-1ff4-4c09-9b27-ac9914e3426e&algo\_exp\_id=8fe25fa9-1ff4-4c09-9b27-ac9914e3426e-1&pdp\_ext\_f=%7B%22sku\_id%22%3A%2212000027014819973%22%7D&pdp\_pi=-1%3B403.25%3B-1%3B232.8%40salePrice%3BNGN%3Bsearch-mainSearch |
| Capacitor(22uf/35v) | 1 | 20 | https://www.aliexpress.com/item/1005003744840530.html?spm=a2g0o.productlist.0.0.2ba663f3oVOMye&algo\_pvid=8fe25fa9-1ff4-4c09-9b27-ac9914e3426e&algo\_exp\_id=8fe25fa9-1ff4-4c09-9b27-ac9914e3426e-1&pdp\_ext\_f=%7B%22sku\_id%22%3A%2212000027014819973%22%7D&pdp\_pi=-1%3B403.25%3B-1%3B232.8%40salePrice%3BNGN%3Bsearch-mainSearch |
| Capacitor(68uf/500v) | 1 | 151 | https://www.aliexpress.com/item/4000859360339.html?spm=a2g0o.productlist.0.0.d3f73e89aZ7n2m&algo\_pvid=e6d47acd-d6da-400f-b21d-abfa9bd3458d&algo\_exp\_id=e6d47acd-d6da-400f-b21d-abfa9bd3458d-18&pdp\_ext\_f=%7B%22sku\_id%22%3A%2210000009680019734%22%7D&pdp\_pi=-1%3B756.61%3B-1%3B-1%40salePrice%3BNGN%3Bsearch-mainSearch |
| Resistor(1k, 1/4 watts) | 8 | 2.3 | https://www.aliexpress.com/item/1005002631550177.html?spm=a2g0o.productlist.0.0.79f262738NwMji&algo\_pvid=dfad0ee8-a165-4374-94df-1f2ae80ccb53&aem\_p4p\_detail=202204061733023975187549184950109231692&algo\_exp\_id=dfad0ee8-a165-4374-94df-1f2ae80ccb53-1&pdp\_ext\_f=%7B%22sku\_id%22%3A%2212000021480015802%22%7D&pdp\_pi=-1%3B981.1%3B-1%3B-1%40salePrice%3BNGN%3Bsearch-mainSearch |
| Resistor(10k 1/4watts) | 15 | 2.3 | https://www.aliexpress.com/item/1005002631550177.html?spm=a2g0o.productlist.0.0.79f262738NwMji&algo\_pvid=dfad0ee8-a165-4374-94df-1f2ae80ccb53&aem\_p4p\_detail=202204061733023975187549184950109231692&algo\_exp\_id=dfad0ee8-a165-4374-94df-1f2ae80ccb53-1&pdp\_ext\_f=%7B%22sku\_id%22%3A%2212000021480015802%22%7D&pdp\_pi=-1%3B981.1%3B-1%3B-1%40salePrice%3BNGN%3Bsearch-mainSearch |
| Resistor(100k, 1/4watts, 1/2watt) | 3, 2 | 2.3 | https://www.aliexpress.com/item/1005002631550177.html?spm=a2g0o.productlist.0.0.79f262738NwMji&algo\_pvid=dfad0ee8-a165-4374-94df-1f2ae80ccb53&aem\_p4p\_detail=202204061733023975187549184950109231692&algo\_exp\_id=dfad0ee8-a165-4374-94df-1f2ae80ccb53-1&pdp\_ext\_f=%7B%22sku\_id%22%3A%2212000021480015802%22%7D&pdp\_pi=-1%3B981.1%3B-1%3B-1%40salePrice%3BNGN%3Bsearch-mainSearch |
| Resistor(470R,1/4watts) | 3 | 2.3 | https://www.aliexpress.com/item/1005002631550177.html?spm=a2g0o.productlist.0.0.79f262738NwMji&algo\_pvid=dfad0ee8-a165-4374-94df-1f2ae80ccb53&aem\_p4p\_detail=202204061733023975187549184950109231692&algo\_exp\_id=dfad0ee8-a165-4374-94df-1f2ae80ccb53-1&pdp\_ext\_f=%7B%22sku\_id%22%3A%2212000021480015802%22%7D&pdp\_pi=-1%3B981.1%3B-1%3B-1%40salePrice%3BNGN%3Bsearch-mainSearch |
| Resistor(220R, 5.6k 1/4watts) | 1 | 2.3 | https://www.aliexpress.com/item/1005002631550177.html?spm=a2g0o.productlist.0.0.79f262738NwMji&algo\_pvid=dfad0ee8-a165-4374-94df-1f2ae80ccb53&aem\_p4p\_detail=202204061733023975187549184950109231692&algo\_exp\_id=dfad0ee8-a165-4374-94df-1f2ae80ccb53-1&pdp\_ext\_f=%7B%22sku\_id%22%3A%2212000021480015802%22%7D&pdp\_pi=-1%3B981.1%3B-1%3B-1%40salePrice%3BNGN%3Bsearch-mainSearch |
| Resistor(352R, 1/4watts) | 1 | 2.3 | https://www.aliexpress.com/item/1005002631550177.html?spm=a2g0o.productlist.0.0.79f262738NwMji&algo\_pvid=dfad0ee8-a165-4374-94df-1f2ae80ccb53&aem\_p4p\_detail=202204061733023975187549184950109231692&algo\_exp\_id=dfad0ee8-a165-4374-94df-1f2ae80ccb53-1&pdp\_ext\_f=%7B%22sku\_id%22%3A%2212000021480015802%22%7D&pdp\_pi=-1%3B981.1%3B-1%3B-1%40salePrice%3BNGN%3Bsearch-mainSearch |
| Resistor(2.2k, 1/4watts,21watt) | 3,1 | 2.3 | https://www.aliexpress.com/item/1005002631550177.html?spm=a2g0o.productlist.0.0.79f262738NwMji&algo\_pvid=dfad0ee8-a165-4374-94df-1f2ae80ccb53&aem\_p4p\_detail=202204061733023975187549184950109231692&algo\_exp\_id=dfad0ee8-a165-4374-94df-1f2ae80ccb53-1&pdp\_ext\_f=%7B%22sku\_id%22%3A%2212000021480015802%22%7D&pdp\_pi=-1%3B981.1%3B-1%3B-1%40salePrice%3BNGN%3Bsearch-mainSearch |
| Resistor(100R, 10R 1/4watts ) | 2,2 | 2.3 | https://www.aliexpress.com/item/1005002631550177.html?spm=a2g0o.productlist.0.0.79f262738NwMji&algo\_pvid=dfad0ee8-a165-4374-94df-1f2ae80ccb53&aem\_p4p\_detail=202204061733023975187549184950109231692&algo\_exp\_id=dfad0ee8-a165-4374-94df-1f2ae80ccb53-1&pdp\_ext\_f=%7B%22sku\_id%22%3A%2212000021480015802%22%7D&pdp\_pi=-1%3B981.1%3B-1%3B-1%40salePrice%3BNGN%3Bsearch-mainSearch |
| Resistor(0.47R 5watts) | 1 | 4.8 | https://www.aliexpress.com/item/32958176118.html?spm=a2g0o.productlist.0.0.79643c0490RgM7&algo\_pvid=082693be-ff5a-4ec4-8055-d9c4ba792937&algo\_exp\_id=082693be-ff5a-4ec4-8055-d9c4ba792937-2&pdp\_ext\_f=%7B%22sku\_id%22%3A%2266439710375%22%7D&pdp\_pi=-1%3B486.39%3B-1%3B-1%40salePrice%3BNGN%3Bsearch-mainSearch |
| Resistor(1M, 22R 1/4watts) | 2,1 | 2.3 | https://www.aliexpress.com/item/1005002631550177.html?spm=a2g0o.productlist.0.0.79f262738NwMji&algo\_pvid=dfad0ee8-a165-4374-94df-1f2ae80ccb53&aem\_p4p\_detail=202204061733023975187549184950109231692&algo\_exp\_id=dfad0ee8-a165-4374-94df-1f2ae80ccb53-1&pdp\_ext\_f=%7B%22sku\_id%22%3A%2212000021480015802%22%7D&pdp\_pi=-1%3B981.1%3B-1%3B-1%40salePrice%3BNGN%3Bsearch-mainSearch |
| Resistor (variable(preset)10k, 100k) | 1,1 | 14 | https://www.aliexpress.com/item/1005002390075744.html?spm=a2g0o.productlist.0.0.61731fc9TJPPKA&algo\_pvid=80fb168c-2de3-47c0-a25b-d5c8886edc2e&aem\_p4p\_detail=2022040617355912155331077083050083534277&algo\_exp\_id=80fb168c-2de3-47c0-a25b-d5c8886edc2e-3&pdp\_ext\_f=%7B%22sku\_id%22%3A%2212000020480144377%22%7D&pdp\_pi=-1%3B719.2%3B-1%3B1093.34%40salePrice%3BNGN%3Bsearch-mainSearch |
| Diode(1n4007) | 6 | 4 | https://www.aliexpress.com/item/1005002872292563.html?spm=a2g0o.productlist.0.0.f8514d88XHmsyP&algo\_pvid=aa45d679-2193-4092-9f22-4b7457e10c13&aem\_p4p\_detail=202204061736424334285113644480110899575&algo\_exp\_id=aa45d679-2193-4092-9f22-4b7457e10c13-1&pdp\_ext\_f=%7B%22sku\_id%22%3A%2212000022566379343%22%7D&pdp\_pi=-1%3B224.49%3B-1%3B29.1%40salePrice%3BNGN%3Bsearch-mainSearch |
| Diode(1n5819, 1n4148) | 1,3 | 13 | https://www.aliexpress.com/item/1005003737199868.html?spm=a2g0o.productlist.0.0.4525690423hGcC&algo\_pvid=6c674461-49f6-4f4b-ae21-1552ff2275a7&aem\_p4p\_detail=2022040617380910093151447850900039458267&algo\_exp\_id=6c674461-49f6-4f4b-ae21-1552ff2275a7-0&pdp\_ext\_f=%7B%22sku\_id%22%3A%2212000026985319016%22%7D&pdp\_pi=-1%3B2739.59%3B-1%3B902.11%40salePrice%3BNGN%3Bsearch-mainSearch |
| Diode(uf4007) | 4 | 13 | https://www.aliexpress.com/item/1005003737199868.html?spm=a2g0o.productlist.0.0.4525690423hGcC&algo\_pvid=6c674461-49f6-4f4b-ae21-1552ff2275a7&aem\_p4p\_detail=2022040617380910093151447850900039458267&algo\_exp\_id=6c674461-49f6-4f4b-ae21-1552ff2275a7-0&pdp\_ext\_f=%7B%22sku\_id%22%3A%2212000026985319016%22%7D&pdp\_pi=-1%3B2739.59%3B-1%3B902.11%40salePrice%3BNGN%3Bsearch-mainSearch |
| Diode(SR506) | 1 | 21 | https://www.aliexpress.com/item/32947241147.html?spm=a2g0o.productlist.0.0.2e00295ehEprax&algo\_pvid=580624d5-cdfe-443e-bec9-fece7b84b485&aem\_p4p\_detail=20220406173917628323754306020110915268&algo\_exp\_id=580624d5-cdfe-443e-bec9-fece7b84b485-0&pdp\_ext\_f=%7B%22sku\_id%22%3A%2266247014189%22%7D&pdp\_pi=-1%3B424.03%3B-1%3B-1%40salePrice%3BNGN%3Bsearch-mainSearch |
| Diode((KBL-410)bridge rectifier diode) | 1 | 67 | https://www.aliexpress.com/item/1005002877807255.html?spm=a2g0o.productlist.0.0.59d8106dSA8XvY&algo\_pvid=6a15edbe-6d25-49ca-a996-3a460fb23a1e&aem\_p4p\_detail=202204061739546930268126090880096301873&algo\_exp\_id=6a15edbe-6d25-49ca-a996-3a460fb23a1e-1&pdp\_ext\_f=%7B%22sku\_id%22%3A%2212000022587467920%22%7D&pdp\_pi=-1%3B336.73%3B-1%3B-1%40salePrice%3BNGN%3Bsearch-mainSearch |
| Pc817 | 2 | 21 | https://www.aliexpress.com/item/32791627883.html?spm=a2g0o.productlist.0.0.442d7d9brqME1F&algo\_pvid=1f347029-8d90-49cb-8743-ceead429ff4b&aem\_p4p\_detail=202204061740486501856948905000121991894&algo\_exp\_id=1f347029-8d90-49cb-8743-ceead429ff4b-1&pdp\_ext\_f=%7B%22sku\_id%22%3A%2263594562741%22%7D&pdp\_pi=-1%3B216.17%3B-1%3B-1%40salePrice%3BNGN%3Bsearch-mainSearch |
| Female header pin(1 roll) |  | 79 | https://www.aliexpress.com/item/1005002577212594.html?spm=a2g0o.productlist.0.0.cf8e3429bi41wS&algo\_pvid=2f9b0649-e539-4571-8974-a1327944d20f&aem\_p4p\_detail=202204061741197981339662705120110916107&algo\_exp\_id=2f9b0649-e539-4571-8974-a1327944d20f-0&pdp\_ext\_f=%7B%22sku\_id%22%3A%2212000021230645264%22%7D&pdp\_pi=-1%3B794.02%3B-1%3B266.06%40salePrice%3BNGN%3Bsearch-mainSearch |
| Male header pin (1roll) |  | 79 | https://www.aliexpress.com/item/1005002577212594.html?spm=a2g0o.productlist.0.0.cf8e3429bi41wS&algo\_pvid=2f9b0649-e539-4571-8974-a1327944d20f&aem\_p4p\_detail=202204061741197981339662705120110916107&algo\_exp\_id=2f9b0649-e539-4571-8974-a1327944d20f-0&pdp\_ext\_f=%7B%22sku\_id%22%3A%2212000021230645264%22%7D&pdp\_pi=-1%3B794.02%3B-1%3B266.06%40salePrice%3BNGN%3Bsearch-mainSearch |
| Tl431 | 1 | 4 | https://www.aliexpress.com/item/32844342630.html?spm=a2g0o.productlist.0.0.154b2e86CrqWeF&algo\_pvid=bbafcc9c-fa96-4009-9f6c-65a3c9c0ced1&aem\_p4p\_detail=20220406174212996939464727270085881514&algo\_exp\_id=bbafcc9c-fa96-4009-9f6c-65a3c9c0ced1-4&pdp\_ext\_f=%7B%22sku\_id%22%3A%2212000026840726520%22%7D&pdp\_pi=-1%3B411.56%3B-1%3B-1%40salePrice%3BNGN%3Bsearch-mainSearch |
| Ferrite core transformer(PQ2625) | 1 | 2,585 | https://www.aliexpress.com/item/4000334154220.html?spm=a2g0o.productlist.0.0.20347319honyjl&algo\_pvid=2753187f-f303-40d1-a71d-fa2f37598894&algo\_exp\_id=2753187f-f303-40d1-a71d-fa2f37598894-15&pdp\_ext\_f=%7B%22sku\_id%22%3A%2210000001372683420%22%7D&pdp\_pi=-1%3B2585.78%3B-1%3B5957.26%40salePrice%3BNGN%3Bsearch-mainSearch |
| Irf840 Mosfet | 1 | 53 | https://www.aliexpress.com/item/1005002838617180.html?spm=a2g0o.productlist.0.0.2bce28baPkl6yV&algo\_pvid=e298af7a-43df-4f48-8aef-ea95f5f25c7b&aem\_p4p\_detail=2022040617424989319596484560096313091&algo\_exp\_id=e298af7a-43df-4f48-8aef-ea95f5f25c7b-0&pdp\_ext\_f=%7B%22sku\_id%22%3A%2212000022411580557%22%7D&pdp\_pi=-1%3B532.12%3B-1%3B-1%40salePrice%3BNGN%3Bsearch-mainSearch |
| Capacitor(472) ceramic | 1 | 5.4 | https://www.aliexpress.com/item/33058859432.html?spm=a2g0o.productlist.0.0.4b362abdinfqSr&algo\_pvid=9466c8b6-6862-4348-b594-1130b97ede37&algo\_exp\_id=9466c8b6-6862-4348-b594-1130b97ede37-24&pdp\_ext\_f=%7B%22sku\_id%22%3A%2267561104089%22%7D&pdp\_pi=-1%3B270.22%3B-1%3B-1%40salePrice%3BNGN%3Bsearch-mainSearch |
| Capacitor(103) ceramic | 1 | 5.4 | https://www.aliexpress.com/item/33058859432.html?spm=a2g0o.productlist.0.0.4b362abdinfqSr&algo\_pvid=9466c8b6-6862-4348-b594-1130b97ede37&algo\_exp\_id=9466c8b6-6862-4348-b594-1130b97ede37-24&pdp\_ext\_f=%7B%22sku\_id%22%3A%2267561104089%22%7D&pdp\_pi=-1%3B270.22%3B-1%3B-1%40salePrice%3BNGN%3Bsearch-mainSearch |
| Capacitor(102) ceramic | 3 | 5.4 | https://www.aliexpress.com/item/33058859432.html?spm=a2g0o.productlist.0.0.4b362abdinfqSr&algo\_pvid=9466c8b6-6862-4348-b594-1130b97ede37&algo\_exp\_id=9466c8b6-6862-4348-b594-1130b97ede37-24&pdp\_ext\_f=%7B%22sku\_id%22%3A%2267561104089%22%7D&pdp\_pi=-1%3B270.22%3B-1%3B-1%40salePrice%3BNGN%3Bsearch-mainSearch |
| Capacitor(221) ceramic | 1 | 5.4 | https://www.aliexpress.com/item/33058859432.html?spm=a2g0o.productlist.0.0.4b362abdinfqSr&algo\_pvid=9466c8b6-6862-4348-b594-1130b97ede37&algo\_exp\_id=9466c8b6-6862-4348-b594-1130b97ede37-24&pdp\_ext\_f=%7B%22sku\_id%22%3A%2267561104089%22%7D&pdp\_pi=-1%3B270.22%3B-1%3B-1%40salePrice%3BNGN%3Bsearch-mainSearch |
| 5.1v zener | 2 | 6.56 | https://www.aliexpress.com/item/4000056373470.html?spm=a2g0o.productlist.0.0.7831445fDpHGq4&algo\_pvid=9a467bb6-e7bb-47ae-a5ca-0c652a2c4a74&aem\_p4p\_detail=202204061744383575262336462600083567518&algo\_exp\_id=9a467bb6-e7bb-47ae-a5ca-0c652a2c4a74-5&pdp\_ext\_f=%7B%22sku\_id%22%3A%2210000000126469846%22%7D&pdp\_pi=-1%3B328.42%3B-1%3B-1%40salePrice%3BNGN%3Bsearch-mainSearch |
| Capacitor(104) MKP |  | 4.3 | https://www.aliexpress.com/item/1005004084154002.html?spm=a2g0o.productlist.0.0.2b4a36ffaVpK7C&algo\_pvid=9ed001f1-0491-4b2e-be2d-ea22ad848e9b&algo\_exp\_id=9ed001f1-0491-4b2e-be2d-ea22ad848e9b-33&pdp\_ext\_f=%7B%22sku\_id%22%3A%2212000027983082315%22%7D&pdp\_pi=-1%3B403.25%3B-1%3B482.23%40salePrice%3BNGN%3Bsearch-mainSearch |
| Current transformer (100amps) | 1 | 1,413 | https://www.aliexpress.com/item/4000894009331.html?spm=a2g0o.productlist.0.0.1b35683axdkYeX&algo\_pvid=af67363a-302c-4fcd-958f-47d8840e8672&aem\_p4p\_detail=202204061749112431592884265560007906241&algo\_exp\_id=af67363a-302c-4fcd-958f-47d8840e8672-4&pdp\_ext\_f=%7B%22sku\_id%22%3A%2210000010461526857%22%7D&pdp\_pi=-1%3B1413.45%3B-1%3B4090.68%40salePrice%3BNGN%3Bsearch-mainSearch |
| 16x2 LCD | 1 | 727 | https://www.aliexpress.com/item/1005003089091429.html?spm=a2g0o.productlist.0.0.7b642246GpTset&algo\_pvid=fb7ed21c-4da9-479b-9532-c40ae0b9ba63&aem\_p4p\_detail=202204061751431293178107093250110964321&algo\_exp\_id=fb7ed21c-4da9-479b-9532-c40ae0b9ba63-0&pdp\_ext\_f=%7B%22sku\_id%22%3A%2212000024013662849%22%7D&pdp\_pi=-1%3B727.51%3B-1%3B-1%40salePrice%3BNGN%3Bsearch-mainSearch |