*Components list for infrared communication module :*

|  |  |  |
| --- | --- | --- |
| **Component** | **Qt** | **Link** |
| Transistor NPN MMBTA06L | 4 | <https://www.digikey.com/product-detail/en/on-semiconductor/MMBTA06LT1G/MMBTA06LT1GOSCT-ND/1139832> |
| Transistor PNP  MMBTA56L | 2 | <https://www.digikey.com/product-detail/en/on-semiconductor/MMBTA56LT1G/MMBTA56LT1GOSCT-ND/1139837> |
| Photodiode  SFH-2400FA | 2 | <https://www.digikey.com/product-detail/en/osram-opto-semiconductors-inc/SFH-2400FA-Z/475-1238-1-ND/936464> |
| Potentiometer  TC33 1 MΩ | 2 | [http://www.digikey.com/scripts/DkSearch/dksus.dll?Detail& itemSeq=229281573&uq=636317483877241371](http://www.digikey.com/scripts/DkSearch/dksus.dll?Detail&itemSeq=229281573&uq=636317483877241371) |
| Potentiometer  TC33 100 Ω | 2 | <https://www.digikey.com/product-detail/en/bourns-inc/TC33X-2-101E/TC33X-101ECT-ND/612909> |
| IR LED  SFH 4250S | 2 | <https://www.digikey.com/product-detail/en/osram-opto-semiconductors-inc/SFH-4250S/475-3004-1-ND/3461839> |
| OP-AMP  LMV793 | 2 | <https://www.digikey.com/product-detail/en/texas-instruments/LMV793MF-NOPB/LMV793MF-NOPBCT-ND/1658221> |
| 10K Resistor | 1 | Available at the university store |
|  |  |  |

Cart : <http://www.digikey.com/short/30pwrn>

<http://www.digikey.com/short/3022dj>

PCB 2.0 : <http://www.digikey.ca/short/3v9hwf>