|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Item | Item Model | Manufacture | Price | Website |
| RFID Reader | RDR-80581AKU | RF IDEAS | $157.50 | https://www.barcodesinc.com/rf-ideas/part-rdr-80581aku.htm#specs |
| Passive UHF RFID | XERAFY DATA TRAK II RFID TAG |  | $29.0 | https://www.atlasrfidstore.com/rfid-tags/ |
| RFID Antenna | RFMAX S9028PCL/S8658PCL (LHCP) INDOOR RFID ANTENNA (FCC/ETSI) |  | $135 | https://www.atlasrfidstore.com/rfid-antennas/ |
| Laptop | ASUS |  | $0 | N/A |
| Application | N/A |  | $0 | N/A |

ECE 186A: Parts List

RFID Tags

# -CONFIDEX STEELWAVE MICRO II RFID TAG: $34

# -XERAFY BRIC RFID TAG: $29 (Pack 5)

# -XERAFY DASH-ON XS RFID TAG :$52 (Pack 10)

# -XERAFY DATA TRAK II RFID TAG: $29 (pack 10)

# -RFID TAG SAMPLE PACK (UHF, PASSIVE): $44

HF RFID have a range of 1cm-1meter

The need for a Passive UHF RFID that usually has a range of 5-6 meters.