**MATERIALES PARA LA ELECTRONICA WARBOT**

Emisor  
-Componentes:  
\*Arduino UNO

\*2 Joystick  
\*2 tiras de espadines macho

\*1 tira de espadines hembra

\*2 botones

\*1 pulsador

\*1 NRF24

\*3 resistencias 1k   
-PCB

Receptor  
-Circuito control :   
\*Arduino Mega   
\*1 NRF24

\*1 diodo 1N4004-1  
\*PCB

\*2 tiras de espadines macho

\*1 molex de 2 , grande

\*Cable estañado , puentes

-Driver  
\*8 IRF9540

\*10 IRF540

\*6 2N3904

\*12 DIODOS 1N4004-6

\*Res 47k , 1k,10k,100

\*10 Leds de dos colores

\*2 Molex de 6 pines

\*4 Molex de 4 pines

\*2 Molex de 5 pines

\*5 Zocalos 3 pines por lado

\*5 4N35

\*2 DOCENAS DE MOLEX GRANDES

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  |  | Cantidad | Precio unitario | Precio |
|  | Arduino UNO | 1 | 90 | 90 |
|  | Joystick | 2 | 28 | 56 |
|  | tiras de espadines macho | 2 | 1 | 2 |
|  | tira de espadines hembra | 1 | 1 | 1 |
|  | botones | 2 | 0.5 | 1 |
|  | pulsador | 1 | 0.2 | 0.2 |
|  | NRF24 grande | 1 | 80 | 80 |
|  | resistencias 1k | 1 | 1 | 1 |
|  | PCB | 1 | 25 | 25 |
|  |  |  |  | 0 |
|  | Arduino Mega | 1 | 100 | 100 |
|  | NRF24 | 1 | 15 | 15 |
|  | diodo 1N4004-1 | 2 | 0.2 | 0.4 |
|  | PCB | 1 | 25 | 25 |
|  | tiras de espadines macho | 3 | 1 | 3 |
|  | molex de 2 , grande | 1 | 0.5 | 0.5 |
| metros | Cable estañado , puentes | 2 | 0.3 | 0.6 |
|  |  |  |  | 0 |
|  | IRF9540 | 8 | 2 | 16 |
|  | IRF540 | 10 | 2 | 20 |
|  | 2N3904 | 6 | 0.5 | 3 |
|  | 2N3906 | 6 | 0.5 | 3 |
|  | 1N4004-6 | 12 | 0.2 | 2.4 |
| 1k,47k,10k,100 | RESISTENCIAS | 4 | 1 | 4 |
|  | LEDS | 10 | 0.1 | 1 |
|  | MOLEX 6 PINES | 2 | 0.3 | 0.6 |
|  | MOLEX 5 PINES | 2 | 0.3 | 0.6 |
|  | MOLEX 4 PINES | 4 | 0.3 | 1.2 |
|  | ZOCALO 3 PINES LADO | 5 | 0.5 | 2.5 |
|  | 4N35 | 5 | 1.5 | 7.5 |
|  | MOLEX GRANDES | 24 | 0.5 | 12 |
|  | PORTA FUSIBLE | 2 | 1 | 2 |
|  | SWITCH GRANDE | 2 | 1 | 2 |
| calibre 12 | CABLE GRUSO () | 3 | 2 | 6 |
|  | Estaño | 5 | 2 | 10 |
|  | Pistola soldar | 1 | 15 | 15 |
|  | Silicona | 1 | 1 | 1 |
|  | Pistola Silicona | 1 | 15 | 15 |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  | TOTAL | 525.5 |