**List Components**

|  |  |
| --- | --- |
| **Name Board:** MagnetCharger | **File:** MagnetChargerV2 |
| **Date:** 22/11/21 | **# Layers:** 1 |

|  |  |  |  |
| --- | --- | --- | --- |
| **Item** | **Qty** | **Reference** | **Description** |
| 1 | 2 | C4,C5 | Capacitor cerámico 20pF SMD 0603 |
| 2 | 2 | C3,C6 | Capacitor cerámico 0.1uF SMD 0603 |
| 3 | 5 | R2,R4,R6,R8,R13 | Resistencia 10K SMD 0603 |
| 4 | 3 | R3,R14,R15 | Resistencia 1K SMD 0603 |
| 5 | 4 | R5,R10,R11,R12 | Resistencia 100 SMD 0603 |
| 6 | 1 | R7 | Resistencia 10 SMD 0805 |
| 7 | 1 | R9 | Resistencia 3.3K SMD 0805 |
| 8 | 1 | IC1 | PIC16LF876A SMD |
| 9 | 1 | IC3 | LM358 con socket 8 pines. |
| 10 | 1 | OK1 | 4N35 con socket 6 pines. |
| 11 | 1 | PROG | DipSwitch 4 pines |
| 12 | 2 | Q1,Q3 | IRF9530 MOSFET-P TO-220 |
| 13 | 1 | Q2 | BC337 NPN TO-90 |
| 14 | 1 | Q4 | Cristal SMD 7.3728MHz |
| 15 | 1 | R1/20W | Resistencia 1Ohm/20W |
| 16 | 2 | LED1,LED2 | LEDs de 3mm rojo y verde |
| 17 | 1 | IC2 | Regulador 7805 |
| 18 | 2 | D1,D2 | Diodo 1N5400 3A |
| 19 | 2 | C1,C2 | Capacitor electrolítico 100uF/50V |
| 20 | 4 | JP1, METER, RST, RST | Espadines |
| 21 | 4 | +12VDC, +15VDC, BATTERY, LOAD | Bornera de 2 pines |



