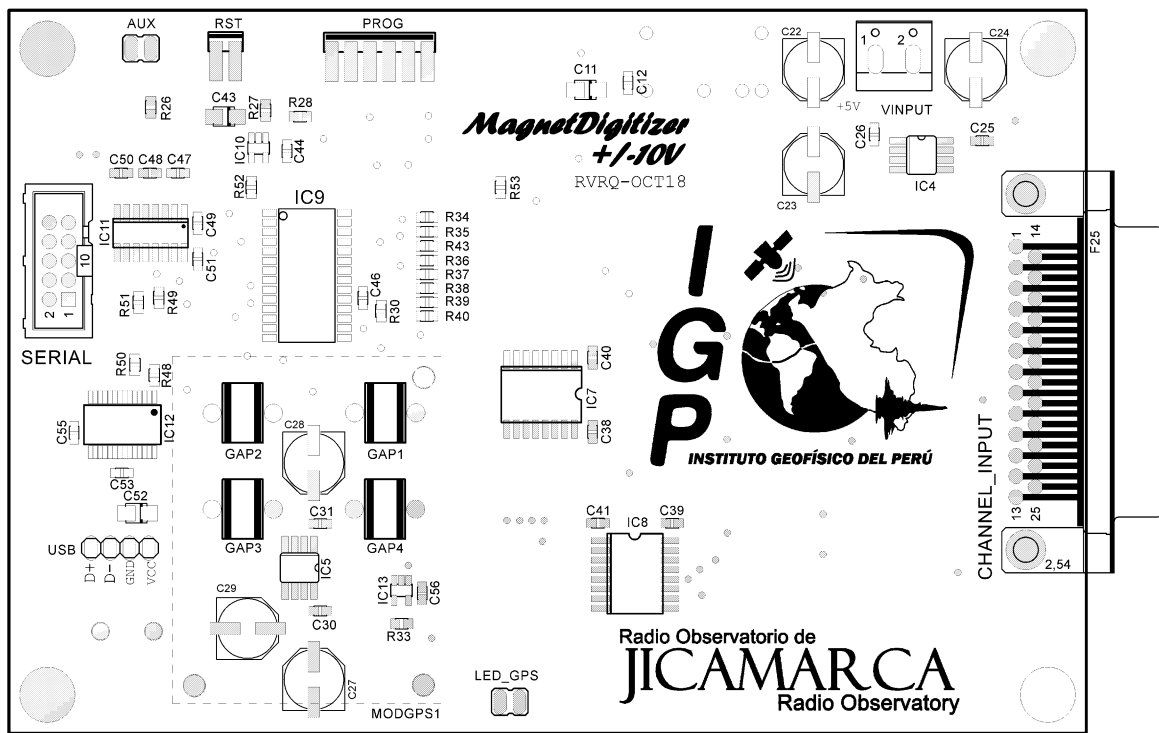


Lista de componentes

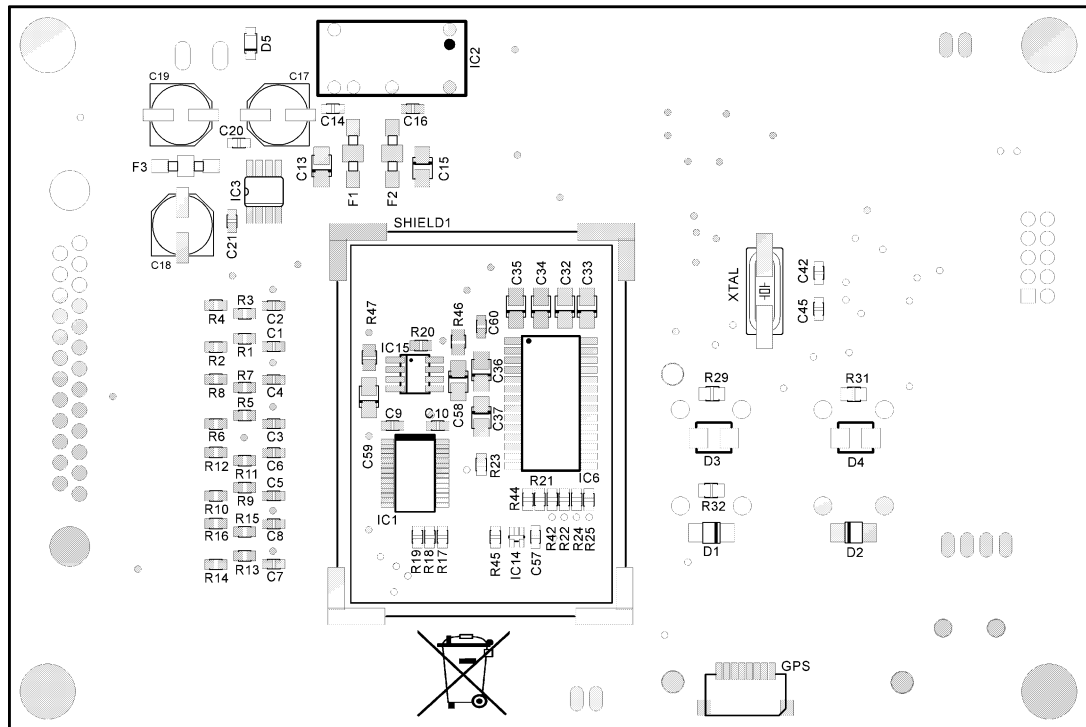
Tarjeta: Digitizer10V

Fecha: 04/07/2023

Item	Cant.	Referencia	Descripción
1	5	R29, R31, R32, R46, R47	Resistencia 10 Ohm SMD 0805
2	1	R30	Resistencia 30 Ohm SMD 0603
3	22	R17, R18, R19, R20, R21, R22, R24, R25, R27, R34, R35, R36, R37, R38, R39, R40, R42, R43, R44, R45, R49, R51	Resistencia 200 Ohm SMD 0603
4	3	R23, R26, R33	Resistencia 1K Ohm SMD 0603
5	9	R1, R3, R5, R7, R9, R11, R13, R15, R28	Resistencia 10K Ohm SMD 0603
6	8	R2, R4, R6, R8, R10, R12, R14, R16	Resistencia 1M Ohm SMD 0603
7	2	C42, C45	Capacitor de cerámico 20pF SMD 0603
8	1	C60	Capacitor de cerámico 22nF SMD 0603
9	30	C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C12, C14, C16, C20, C21, C30, C31, C38, C39, C40, C41, C44, C46, C47, C48, C49, C50, C51, C56, C57	Capacitor de cerámico 0.1uF SMD 0603
10	1	24	Capacitor de aluminio 1uF electrolítico SMD-CAN 4.30mm x 4.30mm
11	8	C11, C13, C15, C33, C35, C43, C58, C59	Capacitor de tantalio 10uF polarizado SMD 1206
12	6	C17, C19, C22, C24, C27, C29	Capacitor de aluminio 47uF electrolítico SMD-CAN 6.60mm x 6.60mm
13	3	C18, C23, C28	Capacitor de aluminio 100uF electrolítico SMD-CAN 6.60mm x 6.60mm
14	2	C32, C34	Capacitor de tantalio 0.1uF polarizado SMD 1206
15	2	C36, C37	Capacitor de tantalio 2.2uF polarizado SMD 1206
16	2	D3, D4	Diodo TVS bidireccional SMBJ15CA-TR 15V 600W
17	2	D1, D2	Diodo TVS unidireccional SMLVT3V3 3.3V 600W
18	1	D5	Diodo Stky DB2X20700L 20V/1A SMD SOD-123F
19	3	F1, F2, F3	Filtro LC NFE61PT102E1H9L 1000pF SMD 3-PC
20	1	IC1	CI Multiplexor 8 x 1 MAX337EAI+ SMD 28SSOP
21	1	IC6	CI ADC 16bits ADS7825 SOIC-28
22	1	IC2	CI Regulador DC/DC 1W NMA0515DC
23	1	IC3	CI Regulador +5.0V LT1121-5 SOIC8
24	1	IC5	CI Regulador +3.3V LT1121CS8-3.3#PBF SOIC8
25	1	IC9	CI Microcontrolador PIC18LF258 SOIC28
26	2	IC10, IC13	Puerta lógica OR NC7SZ32M5X
27	1	IC11	IC interface RS232 3-5V MAX3232IDR SOIC16-N
28	2	IC7, IC8	IC interface digital ADUM1401BRWZ-RL SOIC16-W
29	1	IC14	IC XOR M74VHC1GT86DFT1G SMD SOT-353
30	1	IC15	IC OPAM OP07CR SMD SO08
31	1	GPS	Conector SMD 08FMN-SMT-A-TF(LF)(SN)
32	1	SERIAL	Conector IDC 2x5 pines macho.
33	4	GAP1, GAP2, GAP3, GAP4	Supresor de plasma de gas ST CG75L
34	1	LED_GPS	Espadín macho.
35	1	VINPUT	Bornera de 2 pines
36	1	CHANNEL_INPUT	Conector DB25 Hembra para PCB
37	1	XTAL	Cristal 9.8304MHz 18pF SMD



Distribución de componentes capa TOP.



Distribución de componentes capa BOTTOM.