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+ Diseño e implementación de una placa funcional de estimulador del nervio vago para el tratamiento de epilepsia fármaco resistente - Fase V

Gerardo Fuentes 19389



**Ø**1

**OBJETIVOS** 

02

REPASO SOLDADURA

XX

X

**Ø**3

SIMULACIÓN DE PARÁMETROS

**Ø**4

VERIFICACIÓN PROTOBOARD

**Ø**5

PROBLEMA PCB







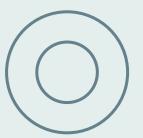
X

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ARREGLO DEL DISEÑO DE PCB

## **Ø**%



CARGA DE PROGRAMAS

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# VERIFIACIÓN DE PROGRAMAS

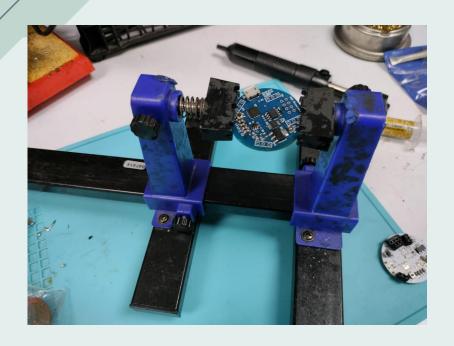
## 25%

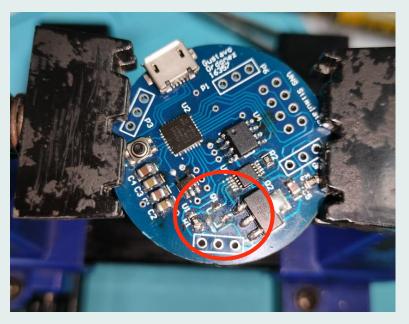


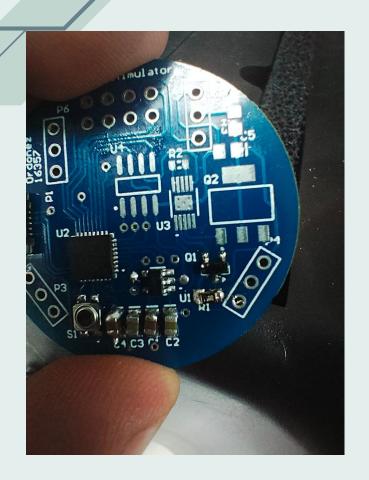
REDACCIÓN DE MANUALES

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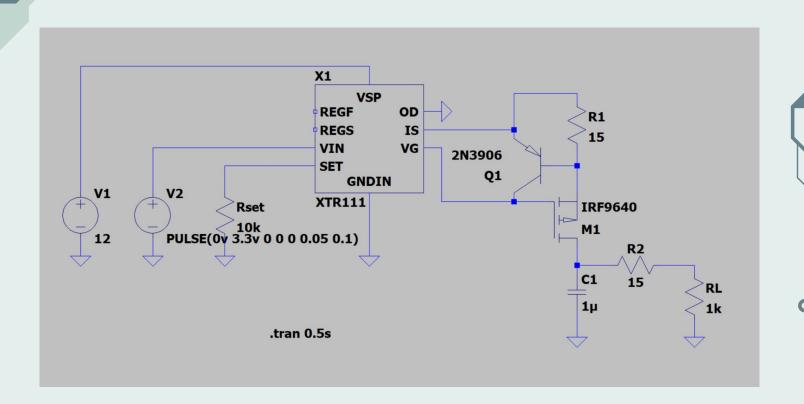


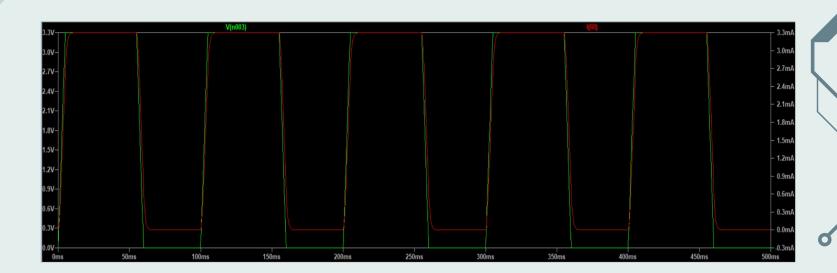




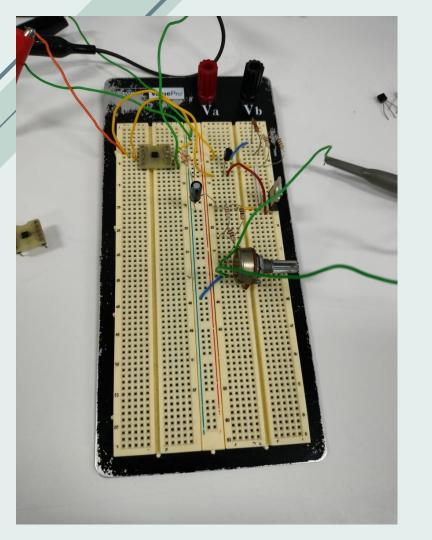


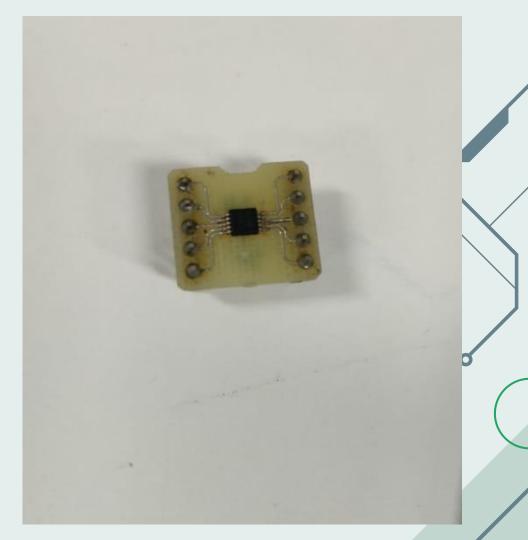


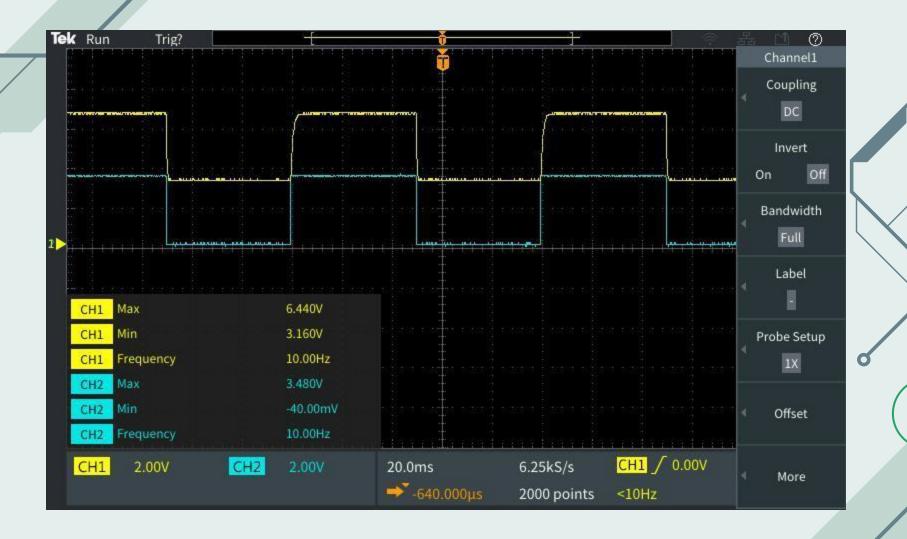


















**MMBT3906** 

#### **40V PNP SMALL SIGNAL TRANSISTOR IN SOT23**

#### **Features**

- Epitaxial Planar Die Construction
- Ideal for Medium Power Amplification and Switching
- Complementary NPN Type: MMBT3904
- Totally Lead-Free & Fully RoHS Compliant (Notes 1 & 2)
- Halogen and Antimony Free. "Green" Device (Note 3)
- Qualified to AEC-Q101 Standards for High Reliability
- PPAP Capable (Note 4)

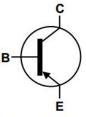
### **Mechanical Data**

- Case: SOT23
- Case Material: Molded Plastic, "Green" Molding Compound UL Flammability Classification Rating 94V-0
- Moisture Sensitivity: Level 1 per J-STD-020
- Terminals: Finish—Matte Tin Plated Leads,
  Solderable per MIL-STD-202, Method 208 @3
- Weight: 0.008 grams (Approximate)

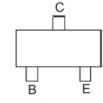
SOT23



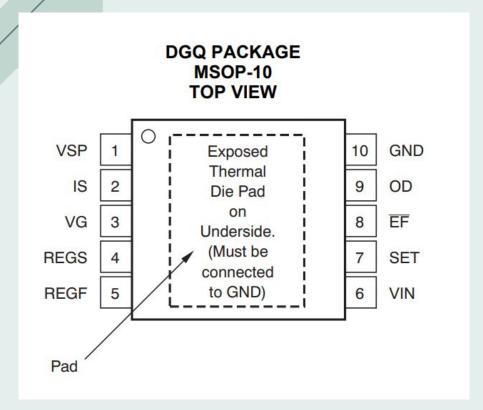
Top View

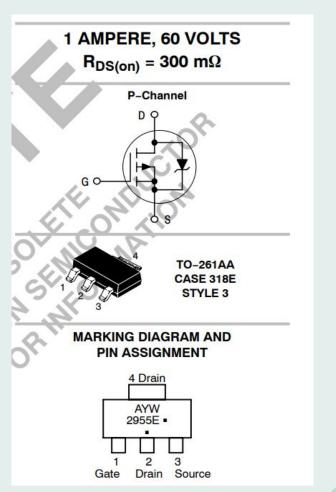


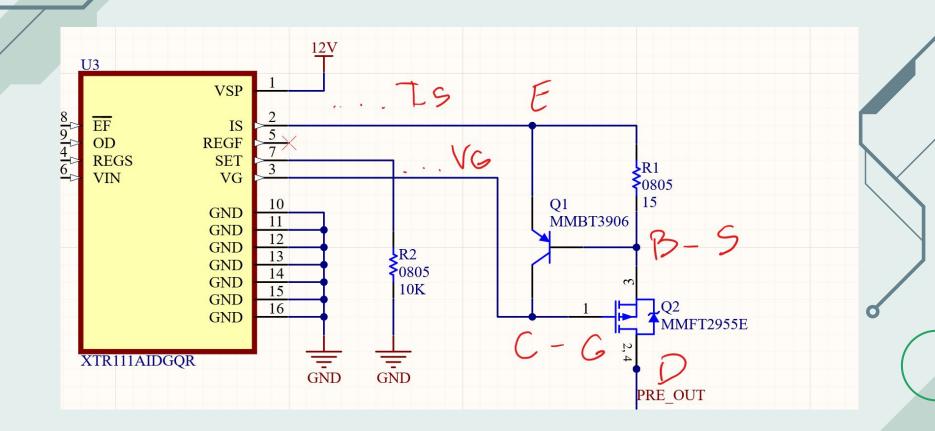
Device Symbol



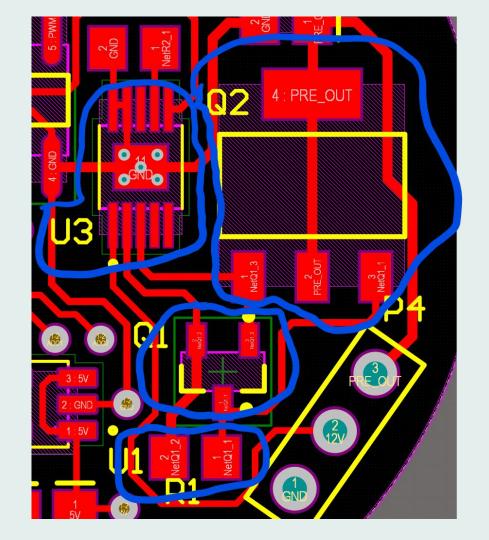
Top View Pin-Out

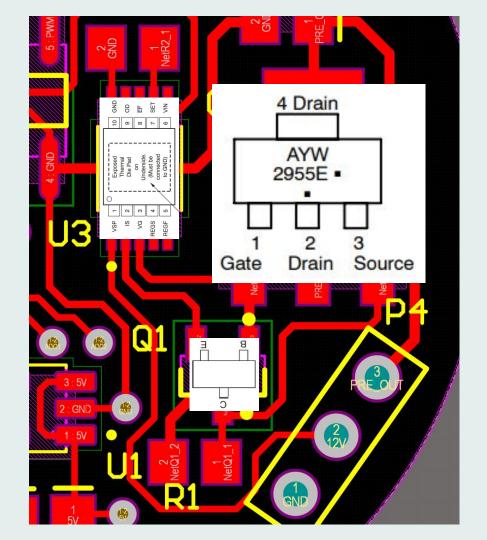






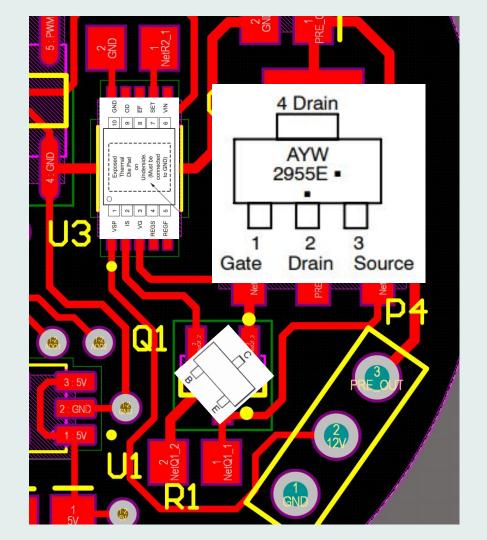
- IS E F
- B S F
- VG C G





- IS E R
- B S R
- VG C G

- IS E R
- C S R
- VG B G



- IS E R
- B S R
- VG C G

- IS B R
- E S R
- VG C G