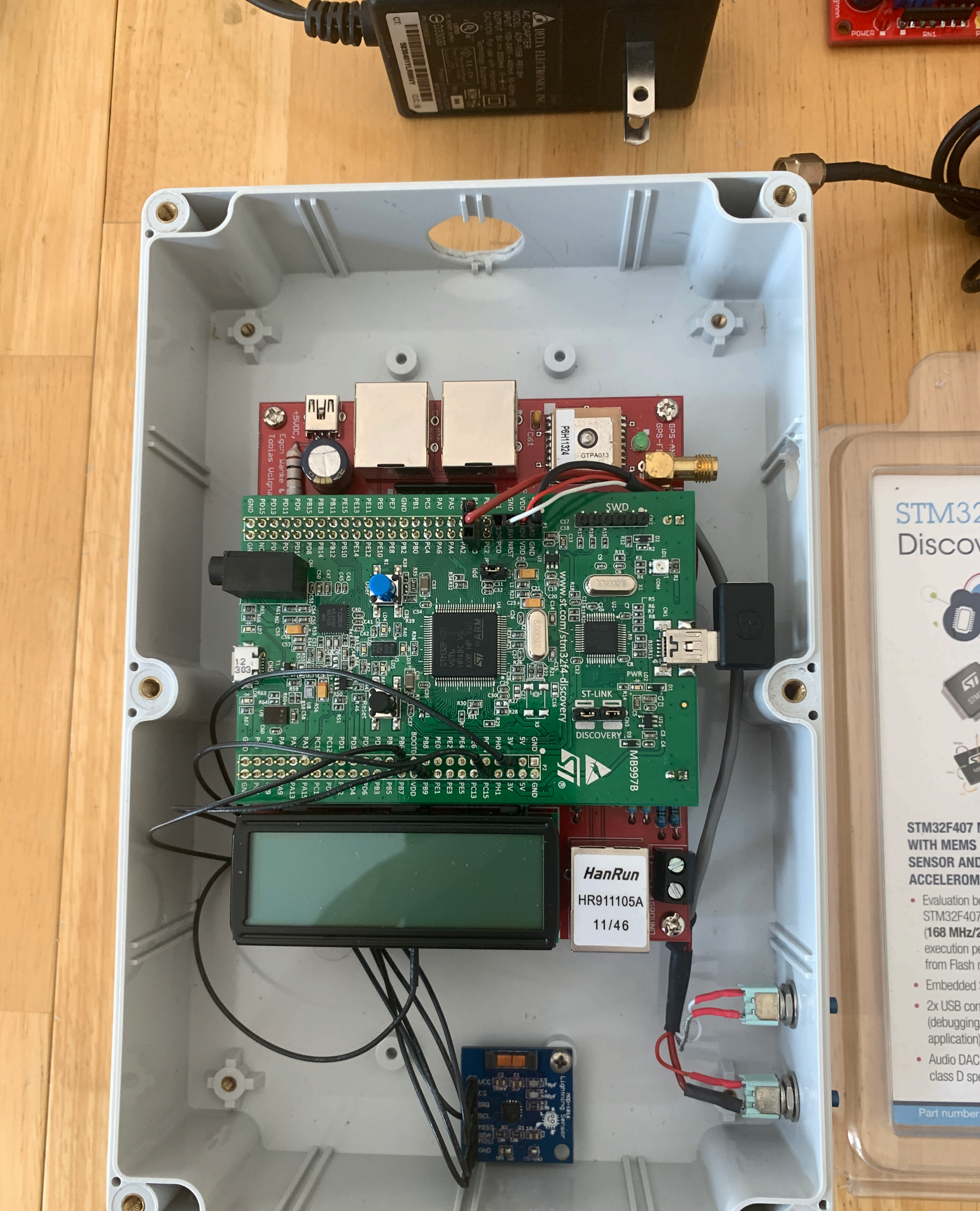
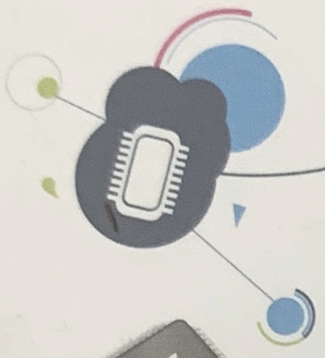

STM32 F4
Discovery
STM32 F4
STM32F407 MCU, WITH MEMS AUDIO SENSOR AND 3-AXIS ACCELEROMETER
Evaluation board with STM32F407VGT6 MCU (168 MHz/210 DMIPS execution performance from Flash memory)
Embedded ST-LINK/V2
2x USB connectors (debugging/programming, application)
Audio DAC with integrated class D speaker driver
HanRun
HR911105A
11/46

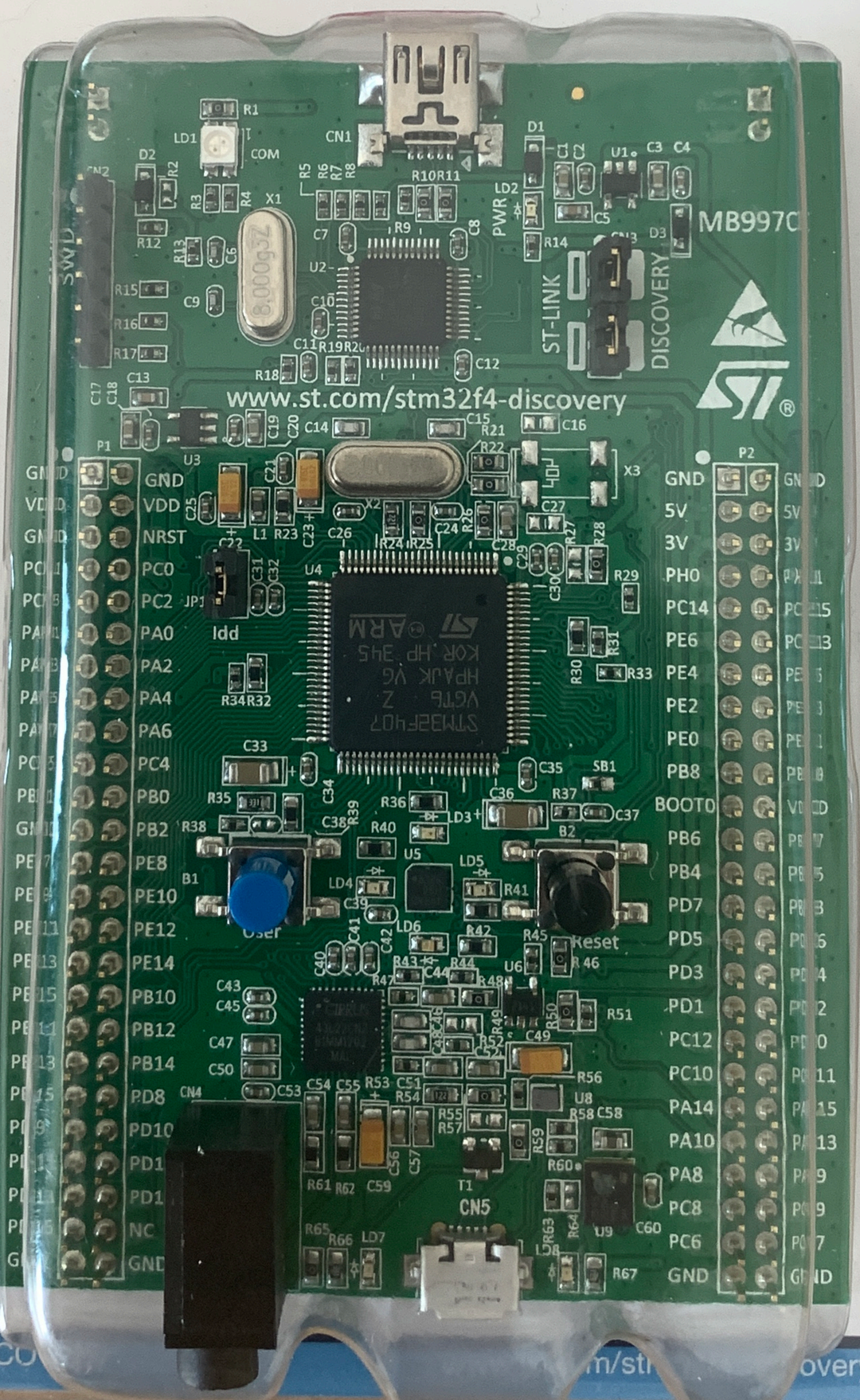

DELTA ELECTRONICS INC.
AC ADAPTER
MODEL ADP-10SB REV.B
POWER
RN1
+5VDC,
Egon Wanke &
Tobias Volgna
P6H11324
GTPA013
GPS-AN
GPS-FI
SWD
STM32
Discov
WWW.ST.COM/stm32f4-discovery
ST-LINK
DISCOVERY
PWR
MB997B
HanRun
HR911105A
11/46
Light Sensor
STM32F407
WITH MEMS
SENSOR AND
ACCELEROM
Evaluation b
STM32F407
(168 MHz/2
execution pe
from Flash
Embedded
2x USB con
(debugging
application)
Audio DAC
class D spe
Part number

STM32 F4 Discovery

life.augmented

STM32 F4

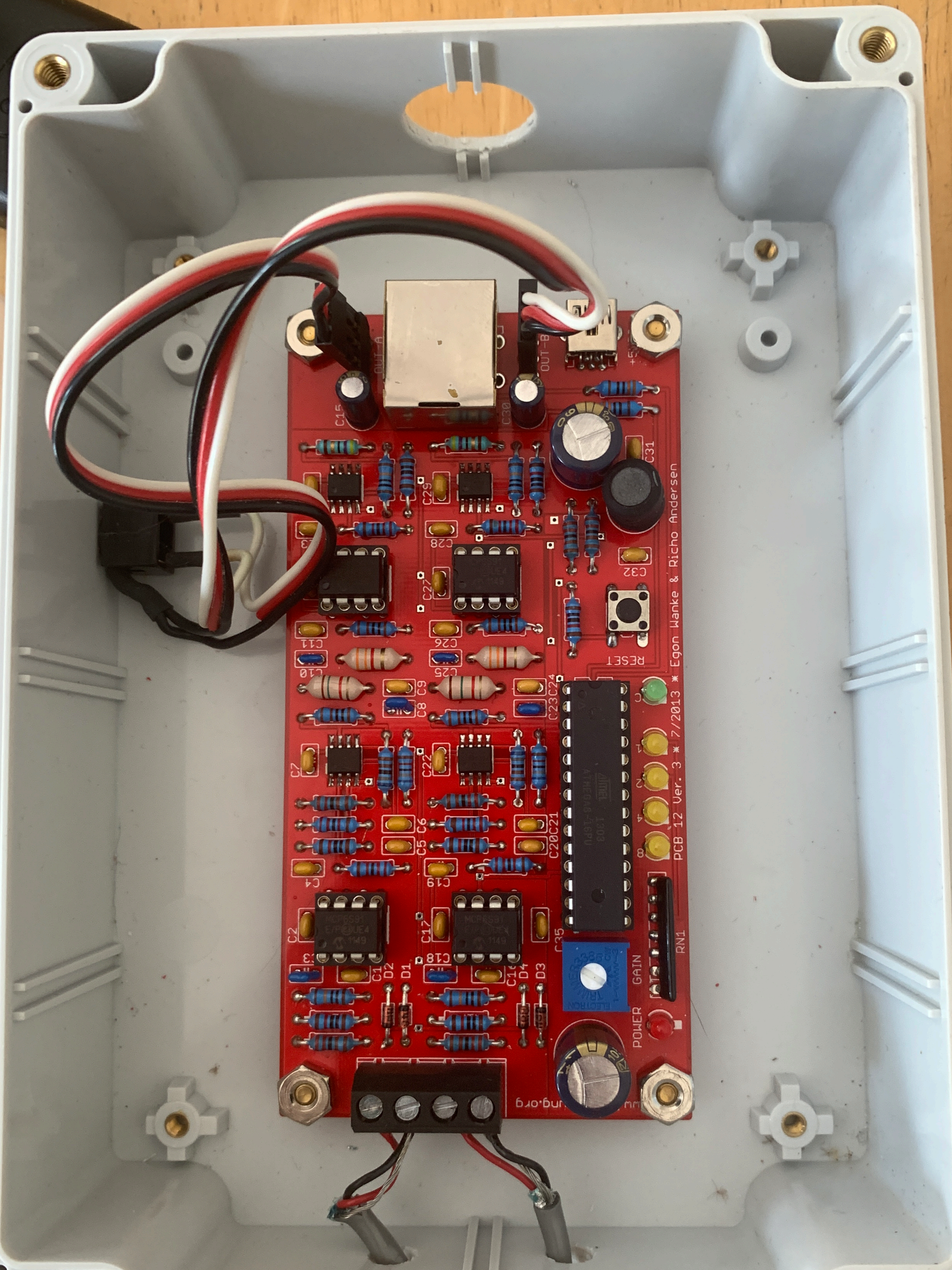


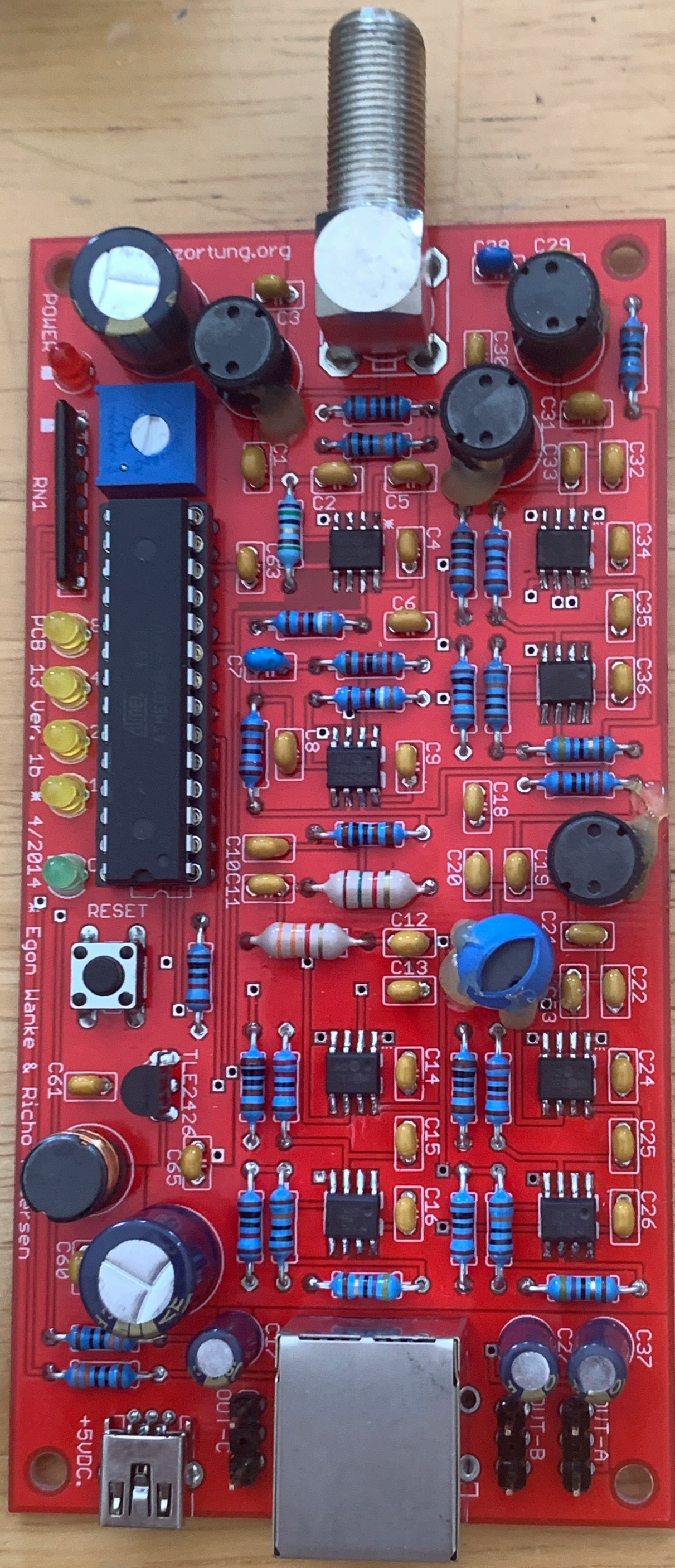


STM32F407 MCU, WITH MEMS AUDIO SENSOR AND 3-AXIS ACCELEROMETER

- Evaluation board with STM32F407VGT6 MCU (**168 MHz/210 DMIPS** execution performance from Flash memory)
- Embedded ST-LINK/V2
- 2x USB connectors (debugging/programming application)
- Audio DAC with integrate class D speaker driver

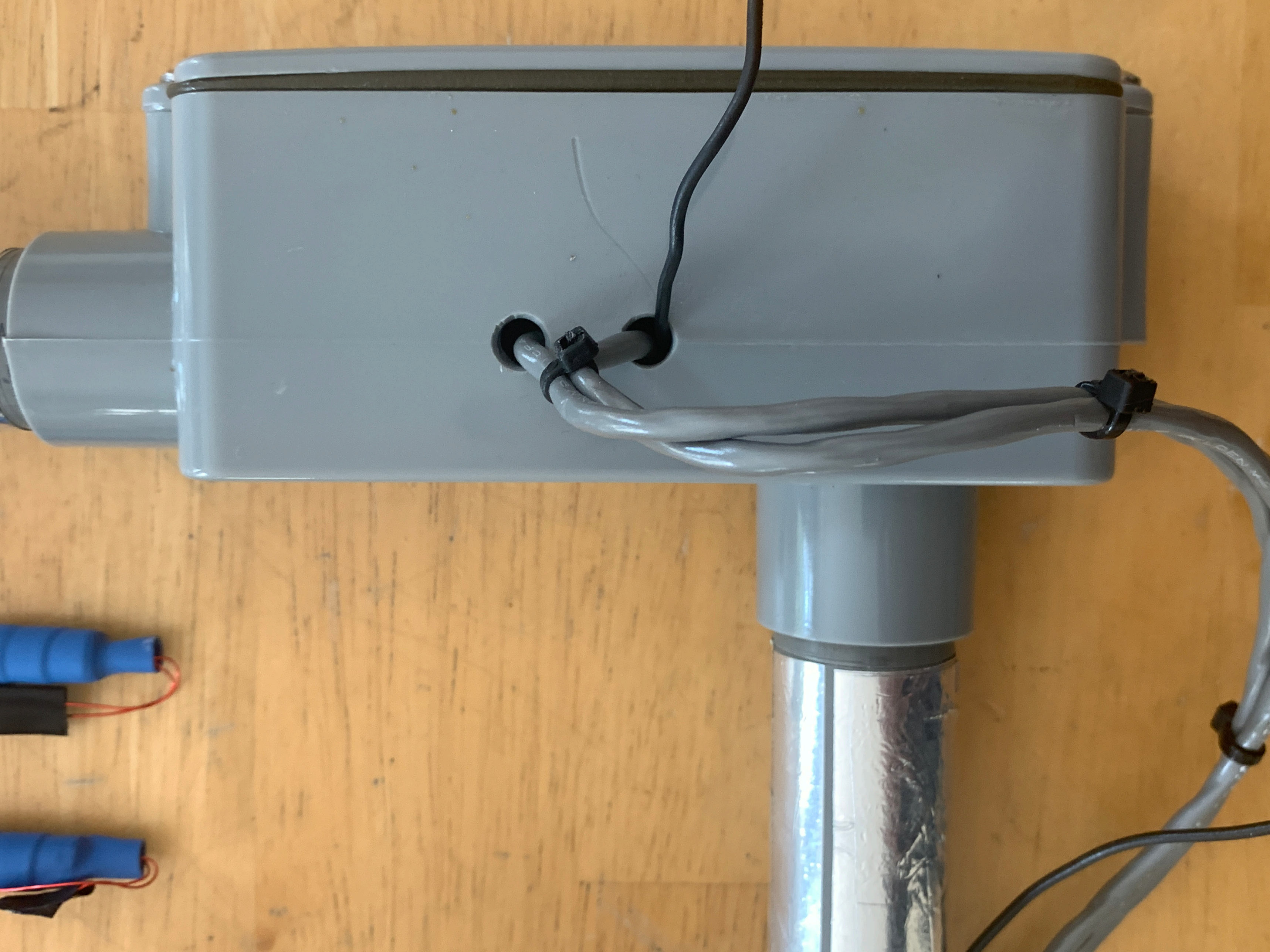
Part number: STM32F4DISCO

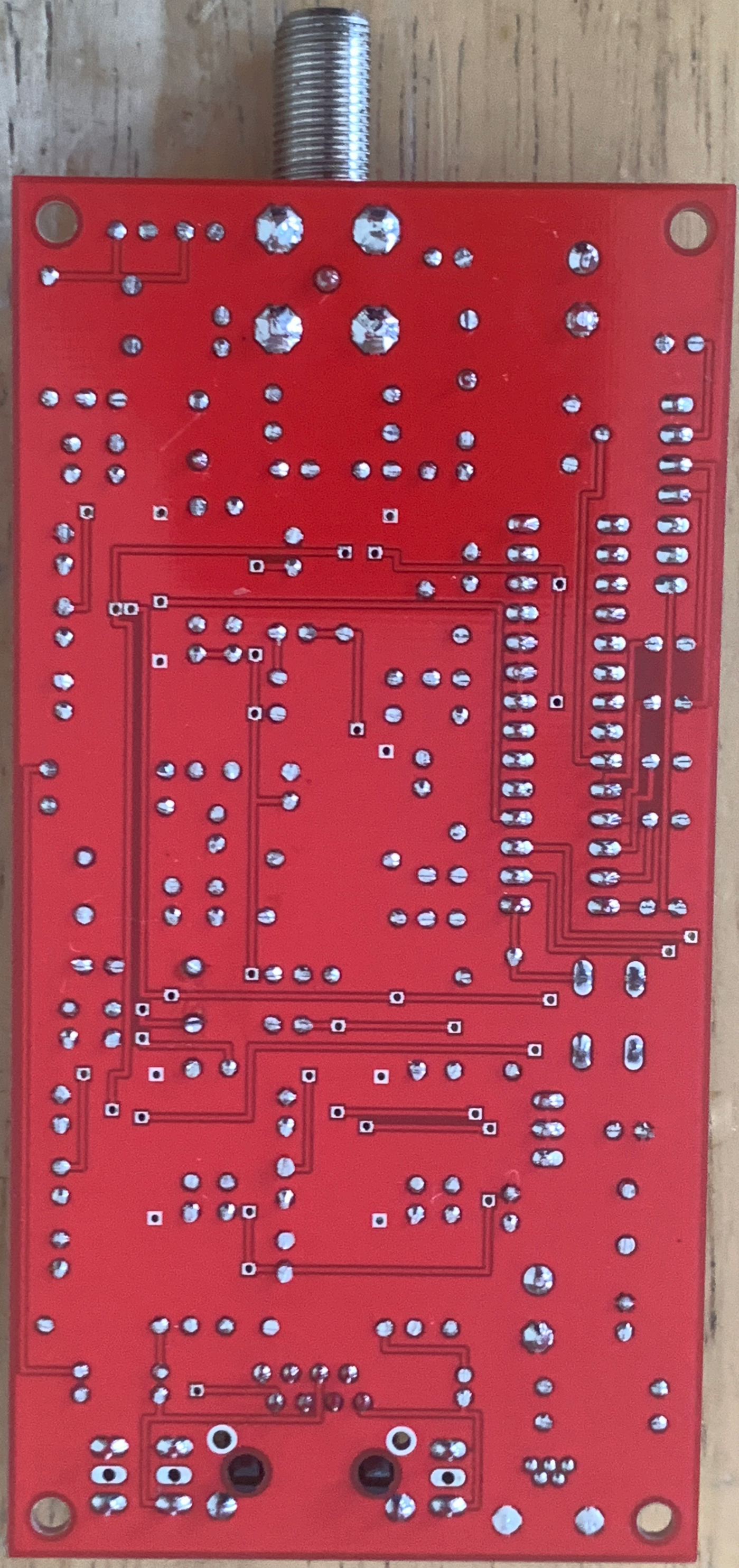

OUT-A
OUT-B
+5
C15
C30
C31
C29
C28
C32
C27
C26
RESET
C11
C10
C25
C9
C8
C23C24
C7
C22
C6
C5
C20C21
C4
C19
C2
C17
C18
C35
C1
D2
D1
D4
D3
RN1
POWER
GAIN
PCB 12 Ver. 3 * 7/2013 * Egon Wanke & Richo Andersen


zortung.org
POWER
RN1
PCB 13 Ver. 1b * 4/2014 * Egon Wanke & Richo Petersen
RESET
TLE2426
+5VDC.
OUT-C
OUT-B
OUT-A
C1
C2
C3
C4
C5
C6
C7
C8
C9
C10
C11
C12
C13
C14
C15
C16
C18
C19
C20
C21
C22
C24
C25
C26
C31
C32
C33
C34
C35
C36
C37
C60
C61
C63
C65

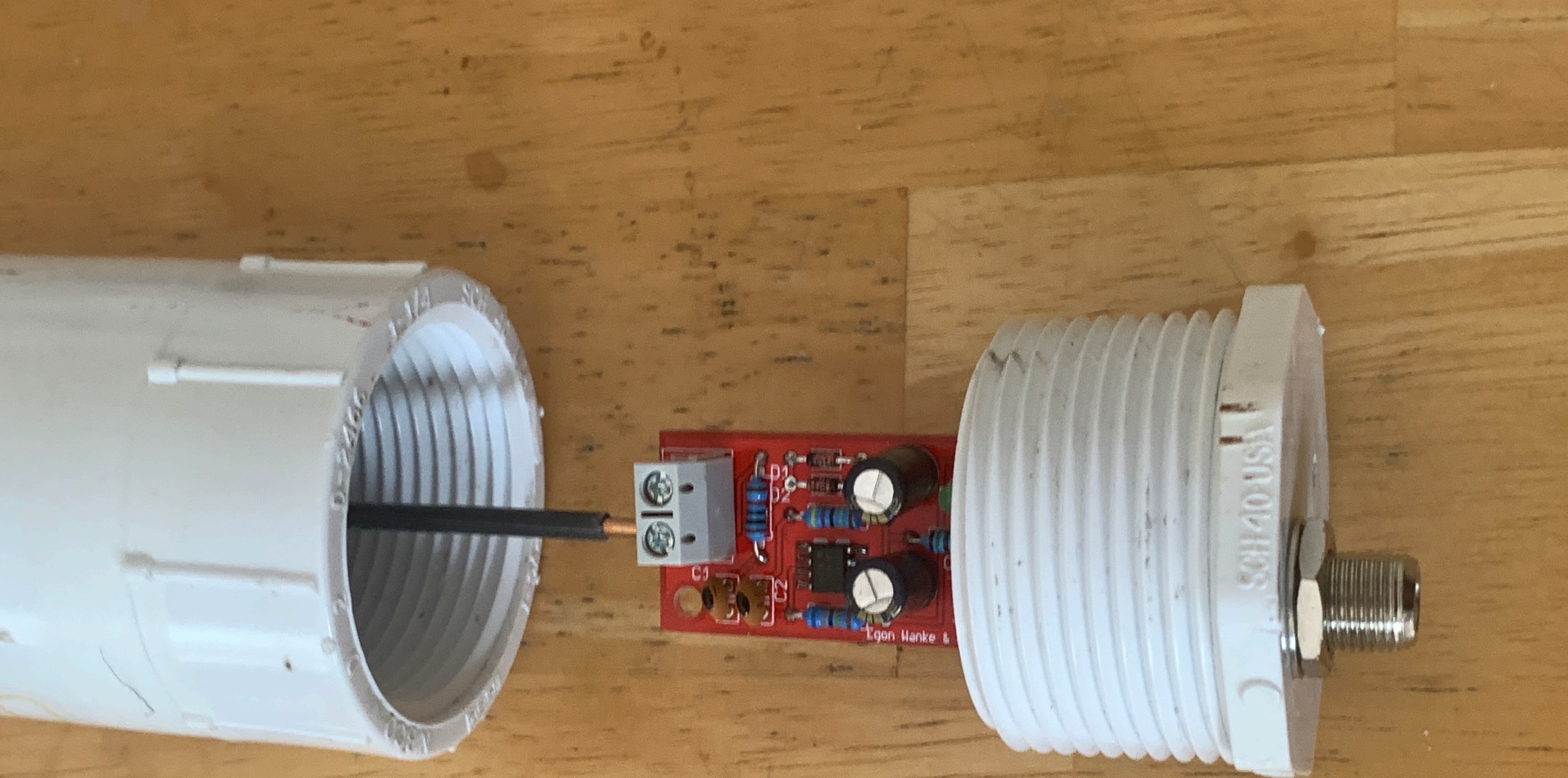
SCH-40-USA










C1
C2
D1
D2
Egon Wanke &
SCH-10 USA







LCD

RESET