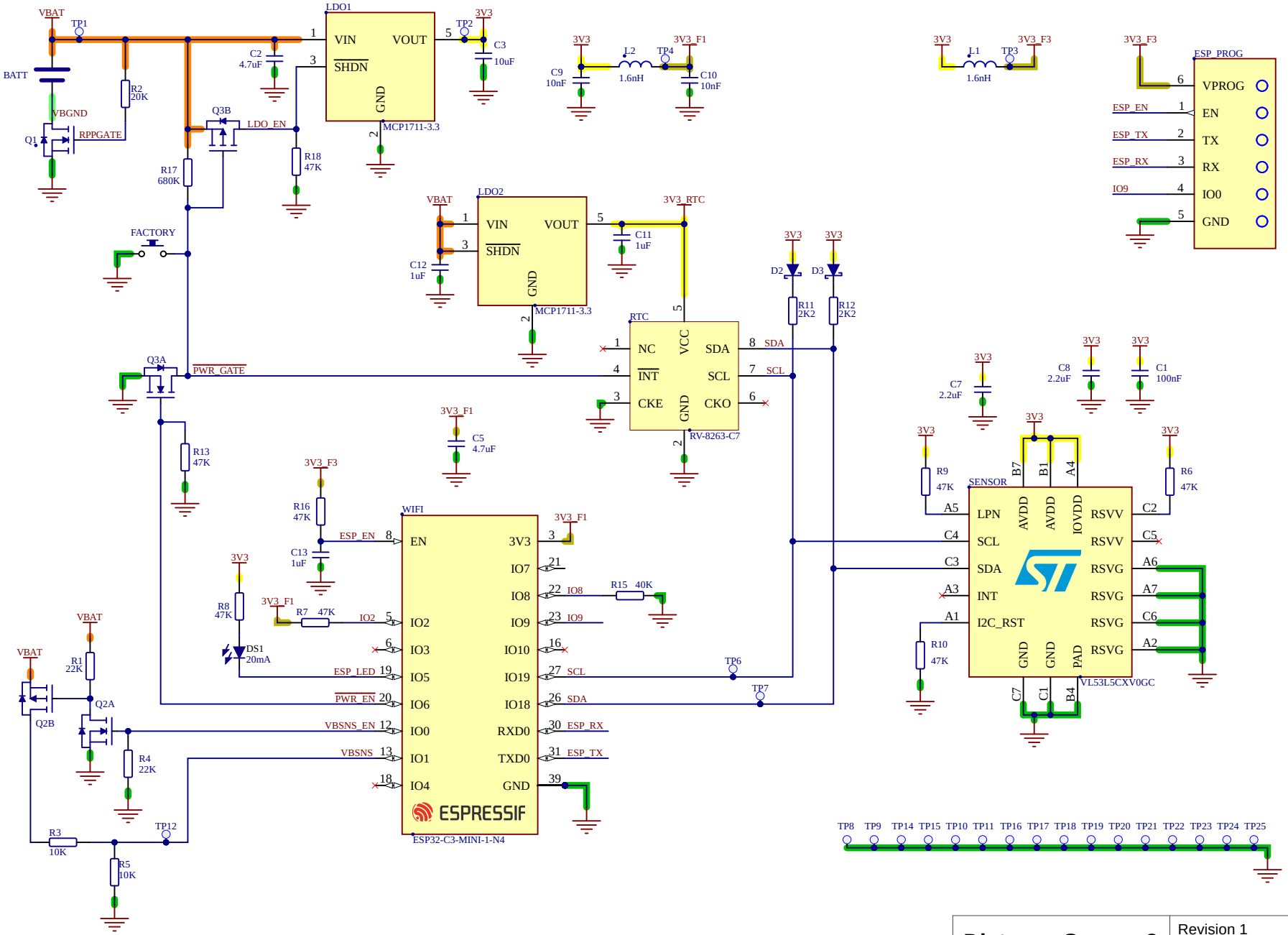
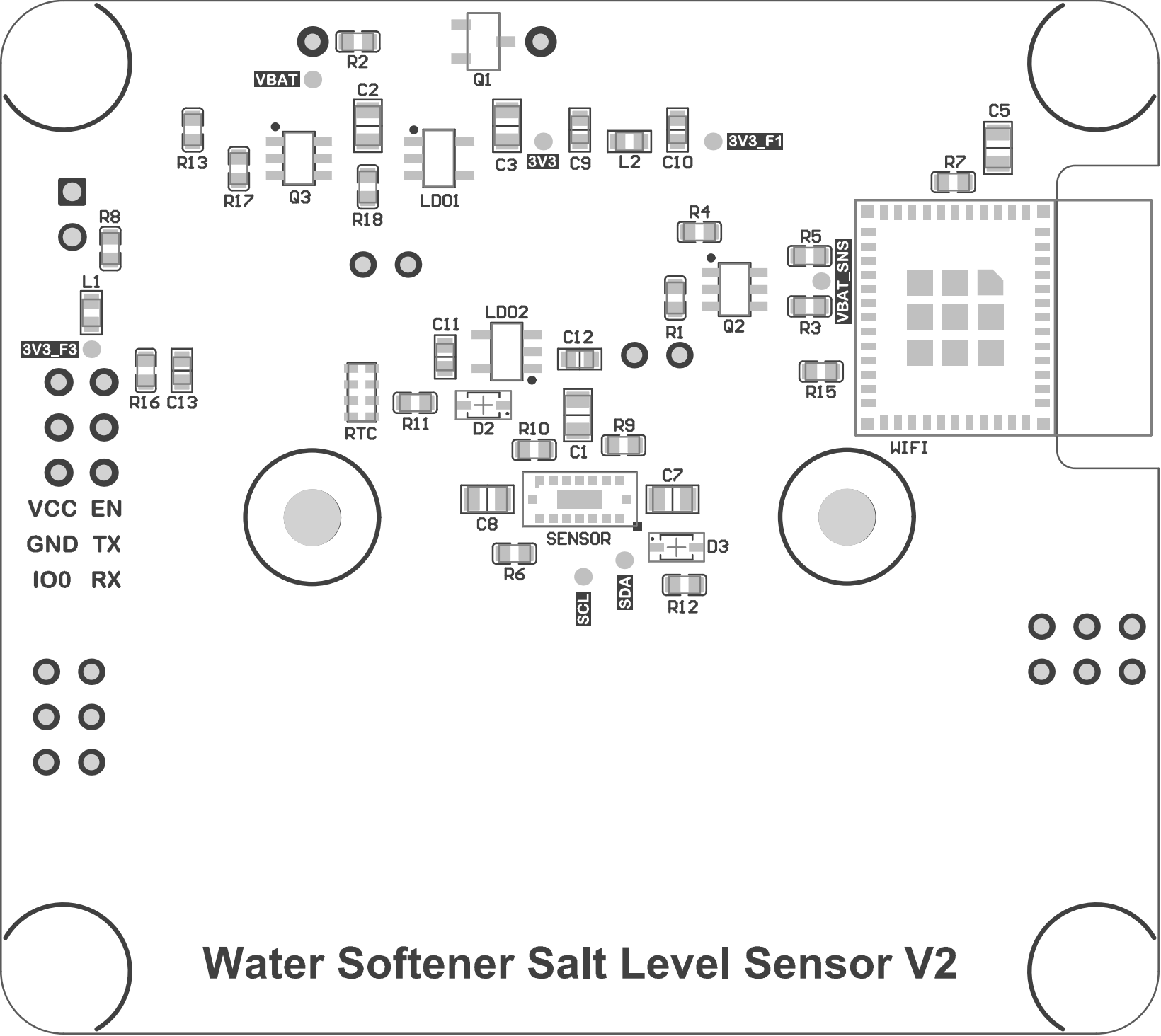
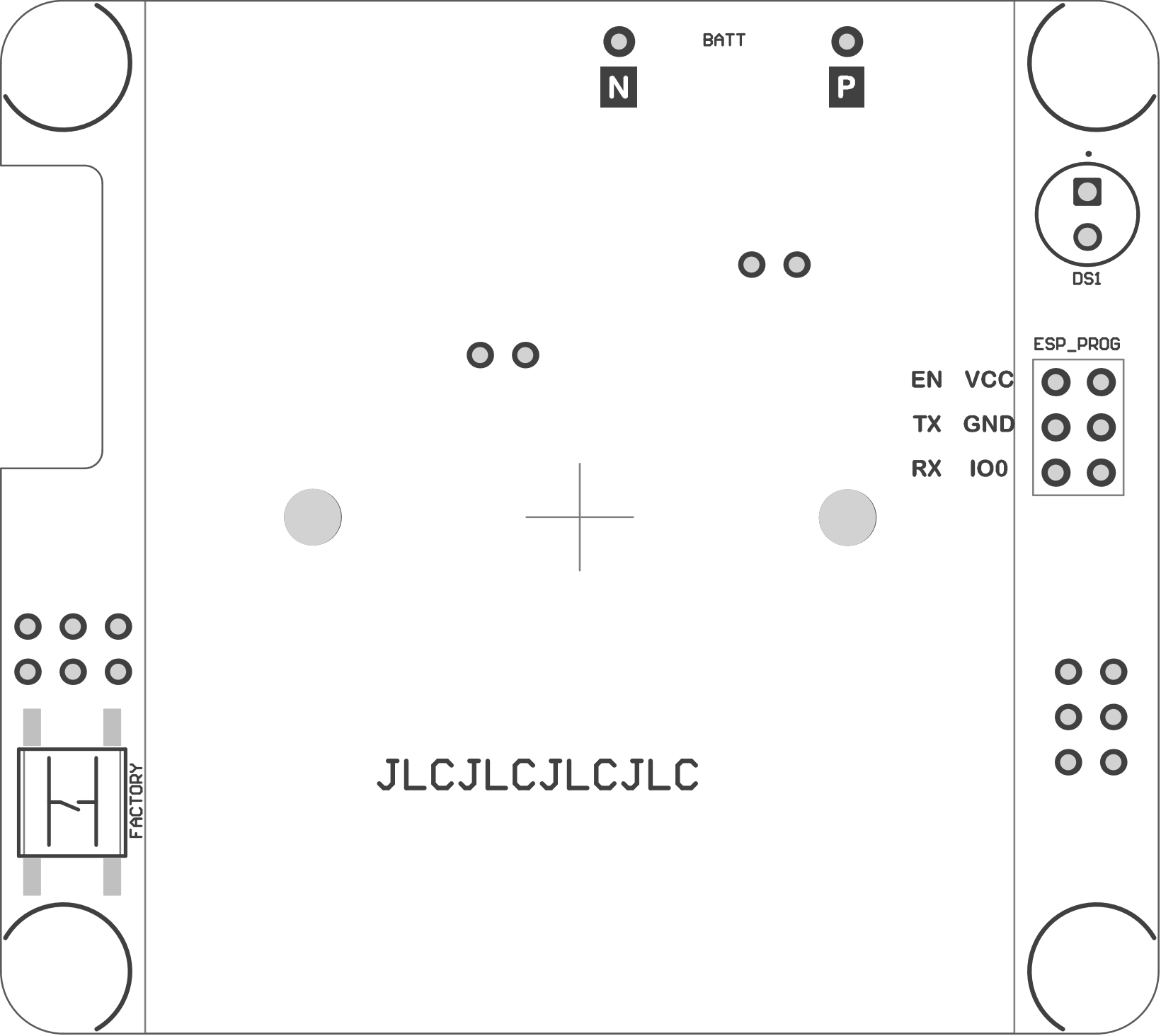


Distance Sensor 2	Revision 1 Saved on 27/10/2023
chs	Sheet 1 of 1


R2
VBAT
Q1
C2
R13
R17
Q3
R18
LDO1
C3
3V3
C9
L2
C10
3V3_F1
C5
R7
R8
L1
3V3_F3
R4
R5
R3
VBAT_SNS
R1
Q2
LDO2
C11
C12
R16
C13
RTC
R11
D2
R10
C1
R9
R15
WIFI
C7
C8
SENSOR
D3
R6
SCL
SDA
R12
VCC EN
GND TX
IO0 RX
Water Softener Salt Level Sensor V2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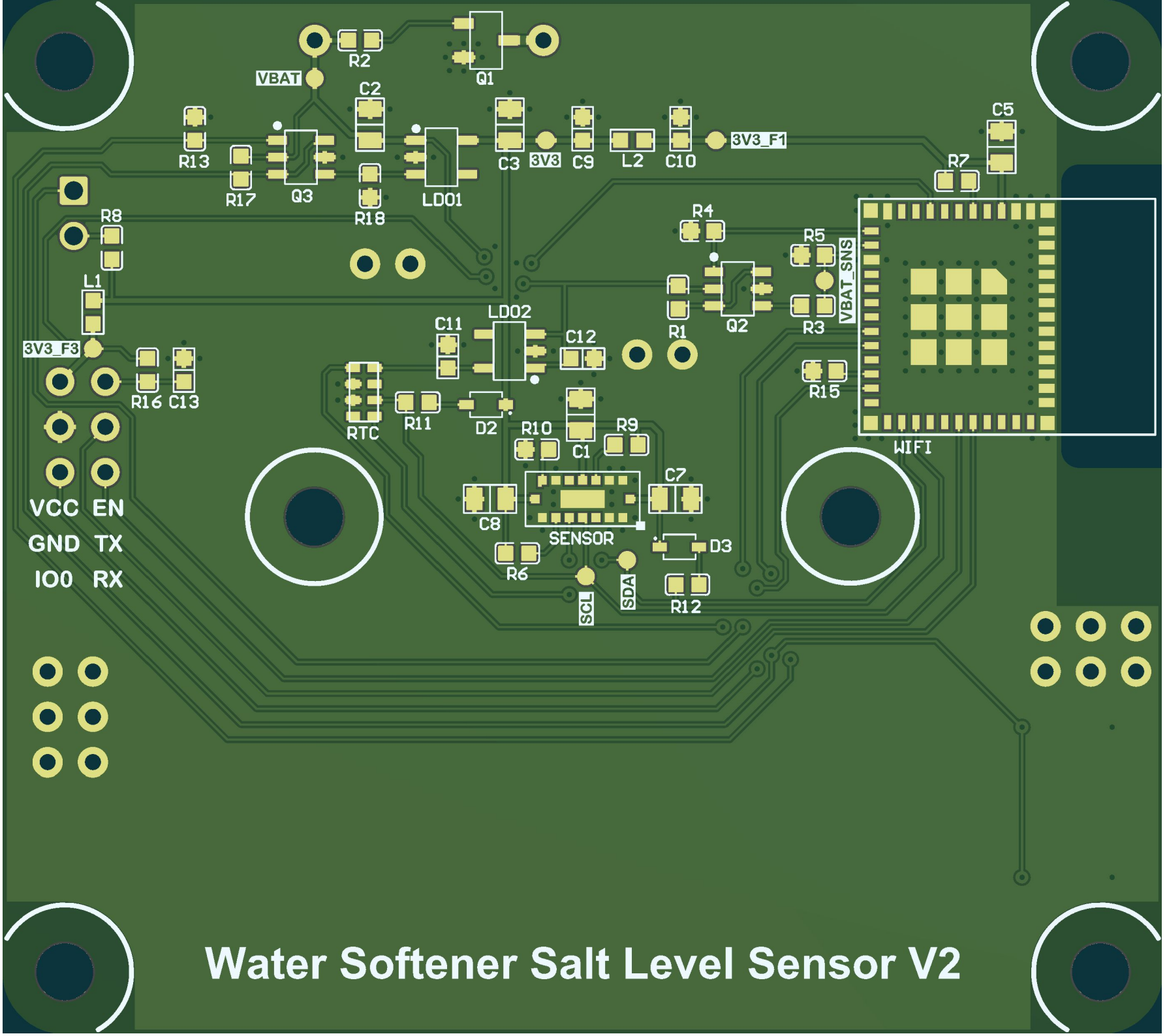
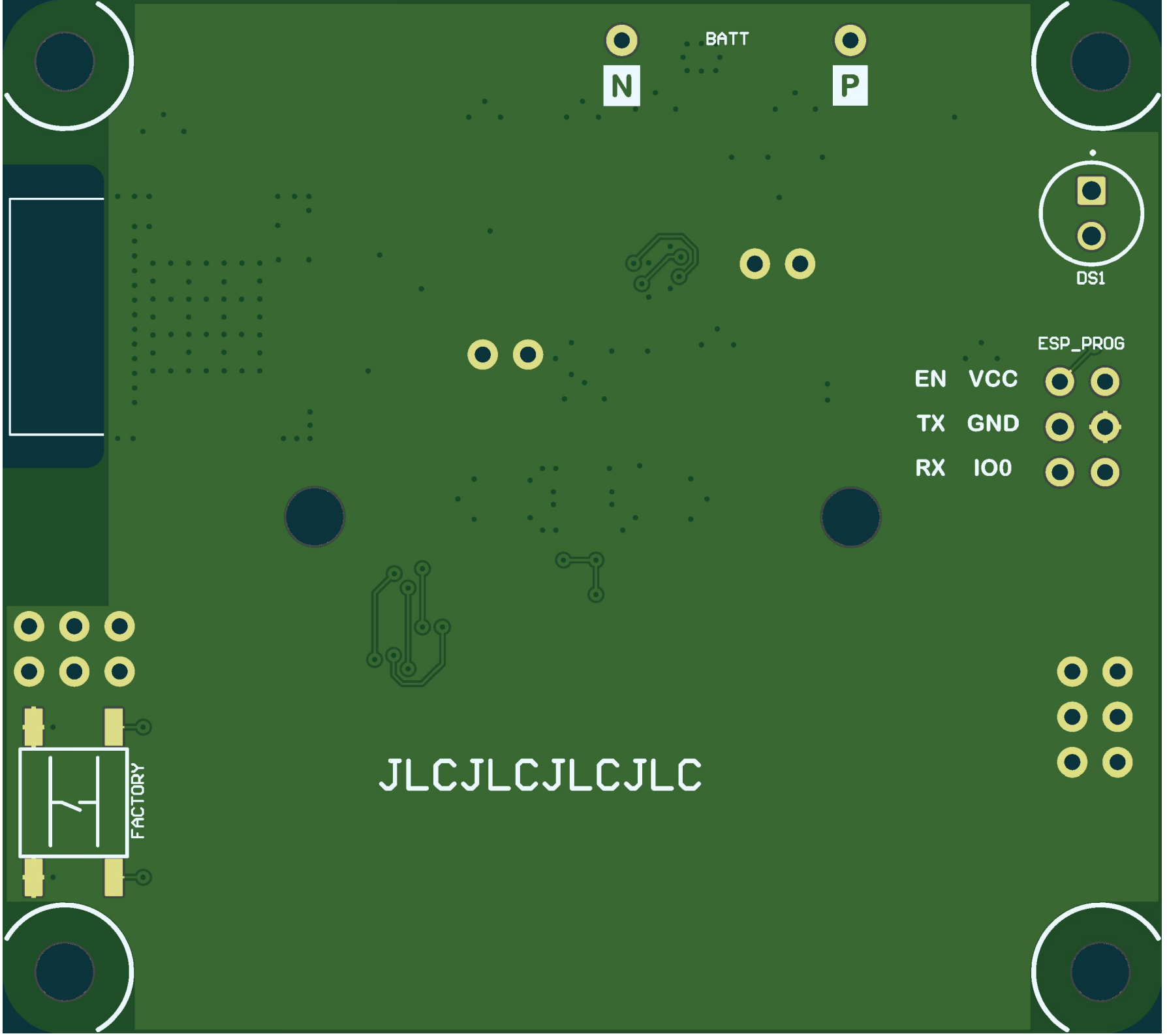
N
P
DS1
ESP_PROG
EN VCC
TX GND
RX IO0
FACTORY
JLCJLCJLCJLC


VBAT
R2
Q1
C2
R13
R17
Q3
R18
LDO1
C3
3V3
C9
L2
C10
3V3_F1
C5
R7
R8
L1
3V3_F3
R16
C13
RTC
C11
LDO2
C12
R11
D2
R10
C1
R9
C8
SENSOR
C7
D3
R6
SCL
SDA
R12
R4
R1
Q2
R5
R3
R15
VBAT_SNS
WIFI
VCC
EN
GND
TX
IO0
RX
Water Softener Salt Level Sensor V2


BATT
N
P
DS1
ESP_PROG
EN VCC
TX GND
RX IO0
JLCJLCJLCJLC
FACTORY

Design Rules Verification Report

Filename : U:\dev\distance_sensor\pcb\distance_sensor_v2\distance_sensor_v2\distance_sensor_v2.PcbDoc

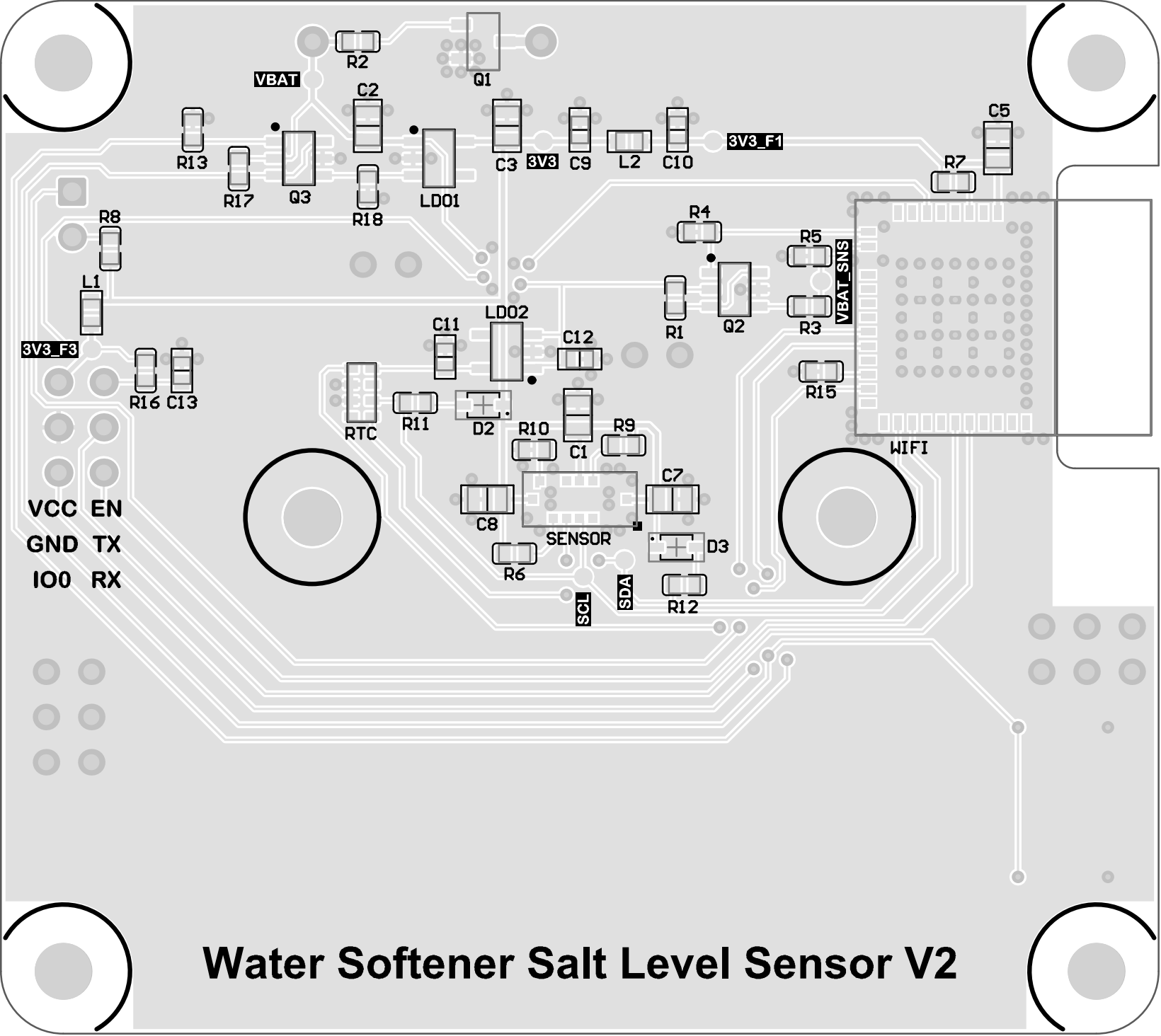
Warnings 0
Rule Violations 0

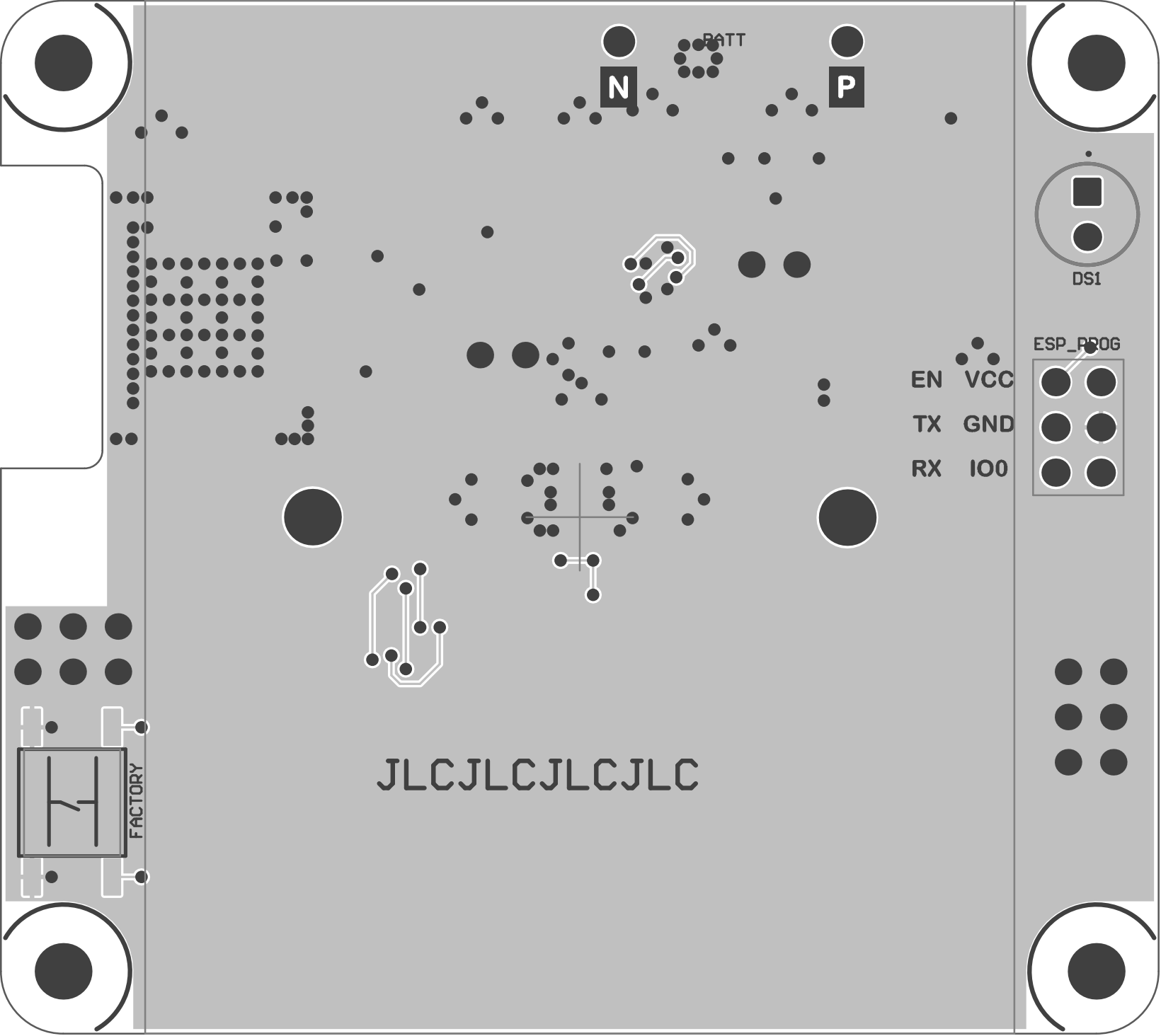
Warnings	
Total	0

Rule Violations	
Clearance Constraint (Gap=5mil) (All),(All)	0
Short-Circuit Constraint (Allowed=No) (All),(All)	0
Un-Routed Net Constraint ((All))	0
Modified Polygon (Allow modified: No), (Allow shelved: No)	0
Width Constraint (Min=5mil) (Max=50mil) (Preferred=5mil) (All)	0
Power Plane Connect Rule(Relief Connect)(Expansion=20mil) (Conductor Width=10mil) (Air Gap=10mil) (Entries=4	0
Hole Size Constraint (Min=11.811mil) (Max=196.85mil) (All)	0
Hole To Hole Clearance (Gap=10mil) (All),(All)	0
Minimum Solder Mask Sliver (Gap=3.15mil) (All),(All)	0
Silk To Solder Mask (Clearance=10mil) (False),(All)	0
Silk to Silk (Clearance=0mil) (All),(All)	0
Net Antennae (Tolerance=0mil) (All)	0
Board Clearance Constraint (Gap=0mil) (OnSignal)	0
Height Constraint (Min=0mil) (Max=1000mil) (Prefered=500mil) (All)	0
Total	0

Electrical Rules Check Report

Class	Document	Message
		Successful Compile for


R2
Q1
VBAT
C2
R13
R17
Q3
R18
LDO1
C3
3V3
C9
L2
C10
3V3_F1
C5
R7
R8
L1
3V3_F3
R4
R5
VBAT_SNS
R1
Q2
R3
LDO2
C11
C12
R15
R16
C13
RTC
R11
D2
R10
C1
R9
WIFI
C7
C8
SENSOR
D3
R6
SCL
SDA
R12
VCC EN
GND TX
IO0 RX
Water Softener Salt Level Sensor V2


N
BATT
P
DS1
ESP_PROG
EN VCC
TX GND
RX IO0
FACTORY
JLCJLCJLCJLC