

U2A
E73-2G4M08S1C

J3
ARM SWD

Vtref
SWDIO
SWDCLK
GND

U2C
E73-2G4M08S1C

U2B
E73-2G4M08S1C

P1.00
P1.02
P1.04
P1.06
P1.09
P1.10
P1.11
P1.13

P0.00/XL1
P0.01/XL2
P0.02/AIN0
P0.03/AIN1
P0.04/AIN2
P0.05/AIN3
P0.06
P0.07
P0.08
P0.09/NFC1
P0.10/NFC2
P0.12
P0.13
P0.15
P0.17
P0.20
P0.22
P0.24
P0.26
P0.28/AIN4
P0.29/AIN5
P0.30/AIN6
P0.31/AIN7

R1
680Ω

D1
LED

SW1
Factory Reset

BT1
CR2032

C1
10μF

C2
10μF

L1
4.7μH
U1
TPS61097A-33DBVR

BSS84
Q1

J1
Probe
Vout
VDD
GND

Capacitive Soil
Moisture Sensor v1.2

Sheet: /		
File: SwiftSoilMoistureZigbeeSensor.kicad_sch		
Title: Swift Zigbee Soil Moisture Sensor		
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