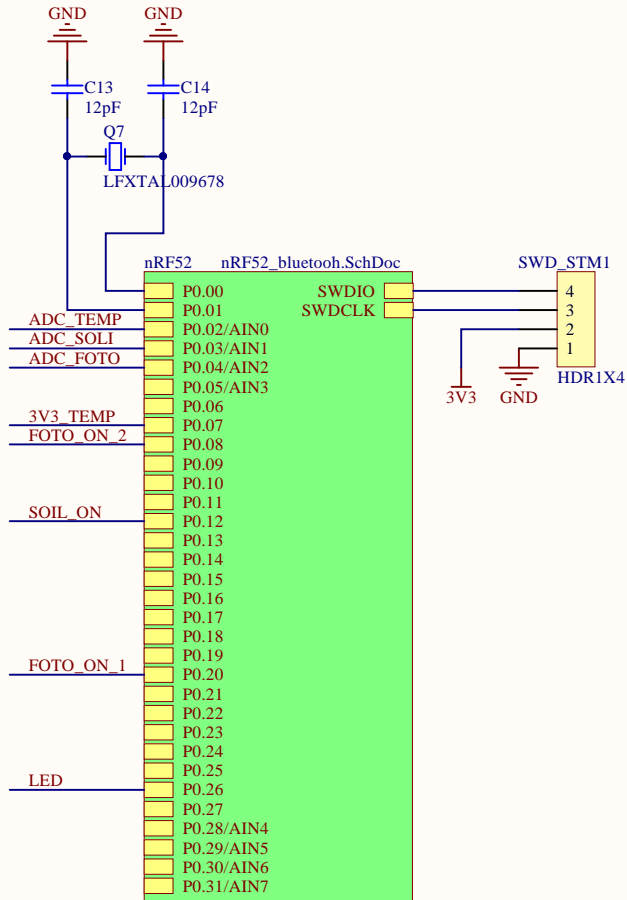
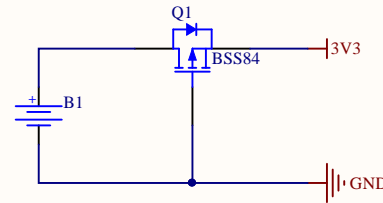


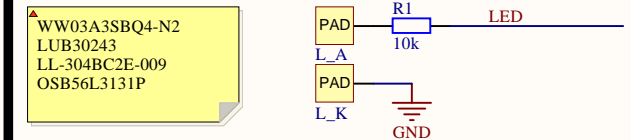
Bluetooth module nRF52832



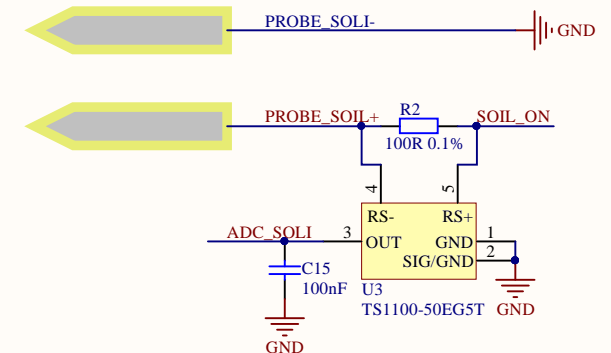
Supply



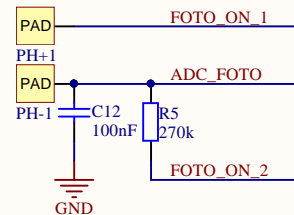
LED diode



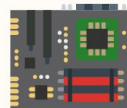
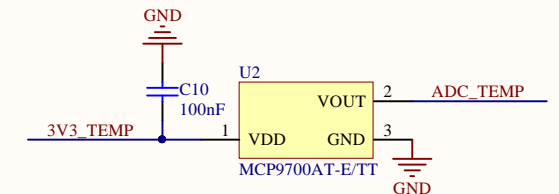
Humidity sensor



Light sensor



Temperature sensor



MattPro.pl
Mateusz Gancarczyk

Author: Mateusz Gancarczyk

Project name:
Smart Flower Pot

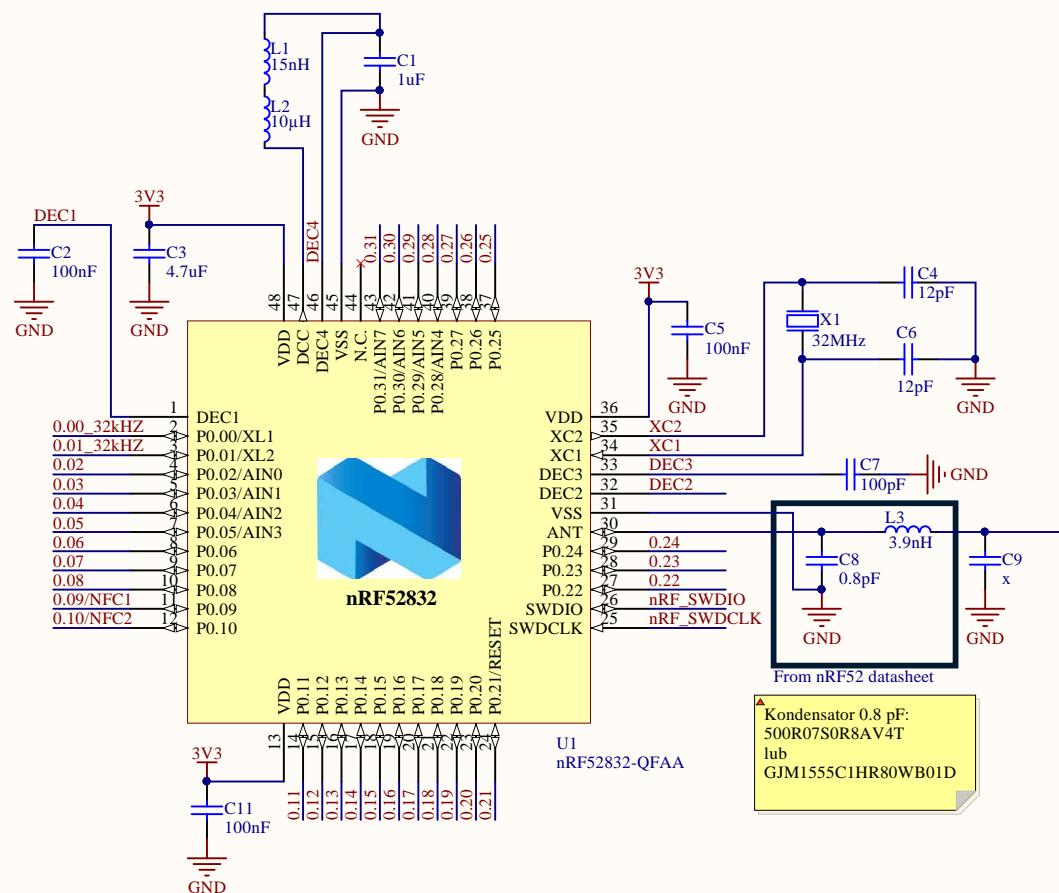
Page name: Main sheet

Sheet: 1 / 2

Revision: ver 2.0

Date: 23-02-2017

Issue date: 09-07-15



FlowerPot Smart

ver 2.0

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Comment	Description	Designator	Footprint	LibRef	Quantity
BC-2001	Bat Holder CR2032 SMD	B1	CR2032_HOLDER_SMD		1
MCP9700AT-E/TT	Czujnik Temperatury	U2	SOT-23-TT3_N	MCP9700AT-E/TT	1
LQP15MN3N9B02D	Dławik 3,9nH	L3	INDC1005X04L	L0402-3n9	1
LBMF1608T100K	Dławik 10uH	L2	INDC1608X06L	L0603-10μ	1
HK100515NJ-T	Dławik 15nH	L1	INDC1005X04L	L0402-15n	1
0402 0.8pF 10V	Kondensator	C8	SMD 0402 - capacito	Kondensator SMD	1
0402 100pF 10V	Kondensator	C7	SMD 0402 - capacito	Kondensator SMD	1
0402 x 10V	Kondensator	C9	SMD 0402 - capacito	Kondensator SMD	1
0603 1uF 10V	Kondensator	C1	0603C-GENERIC	Kondensator SMD	1
0603 4.7uF 10V	Kondensator	C3	0603C-GENERIC	Kondensator SMD	1
0603 12pF 10V	Kondensator	C4, C6	0603C-GENERIC	Kondensator SMD	2
0603 12pF 20V	Kondensator	C13, C14	SMD 0603S - CAPAC	Kondensator SMD	2
0603 100nF 10V	Kondensator	C2, C5, C11	0603C-GENERIC	Kondensator SMD	3
0603 100nF 20V	Kondensator	C10, C12, C15	SMD 0603S - CAPAC	Kondensator SMD	3
LFXTAL009678	Kwarc 32kHz SMD	Q7	Kwarc SMD 3.2 na 1	LFXTAL009678	1
Q22FA1280034112 lub	Kwarc 32MHz	X1	BT-XTAL_2016	XTAL_SMD2016_32M	1
TS1100-50EG5T	Low-power current sense	U3	SOT-23	TS1100	1
nRF52832-QFAA	Multi-protocol Bluetooth Low En	U1	QFN40P600X600X90	nRF52832-QFAA	1
HDR1X4	Pin header 1x4	SWD_STM1	HDR1x4_1.27mm	HDR1X4	1
0603 10k 1% 0.25W	Rezystor	R1	SMD 0603	Rezystor SMD	1
0603 270k 1% 0.25W	Rezystor	R5	SMD 0603	Rezystor SMD	1
0805 100R 0.1% 0.25W	Rezystor	R2	SMD 0805	Rezystor SMD	1
BSS84	Tranzystor MOSFET kanał P	Q1	SOT-23A	BSS84	1