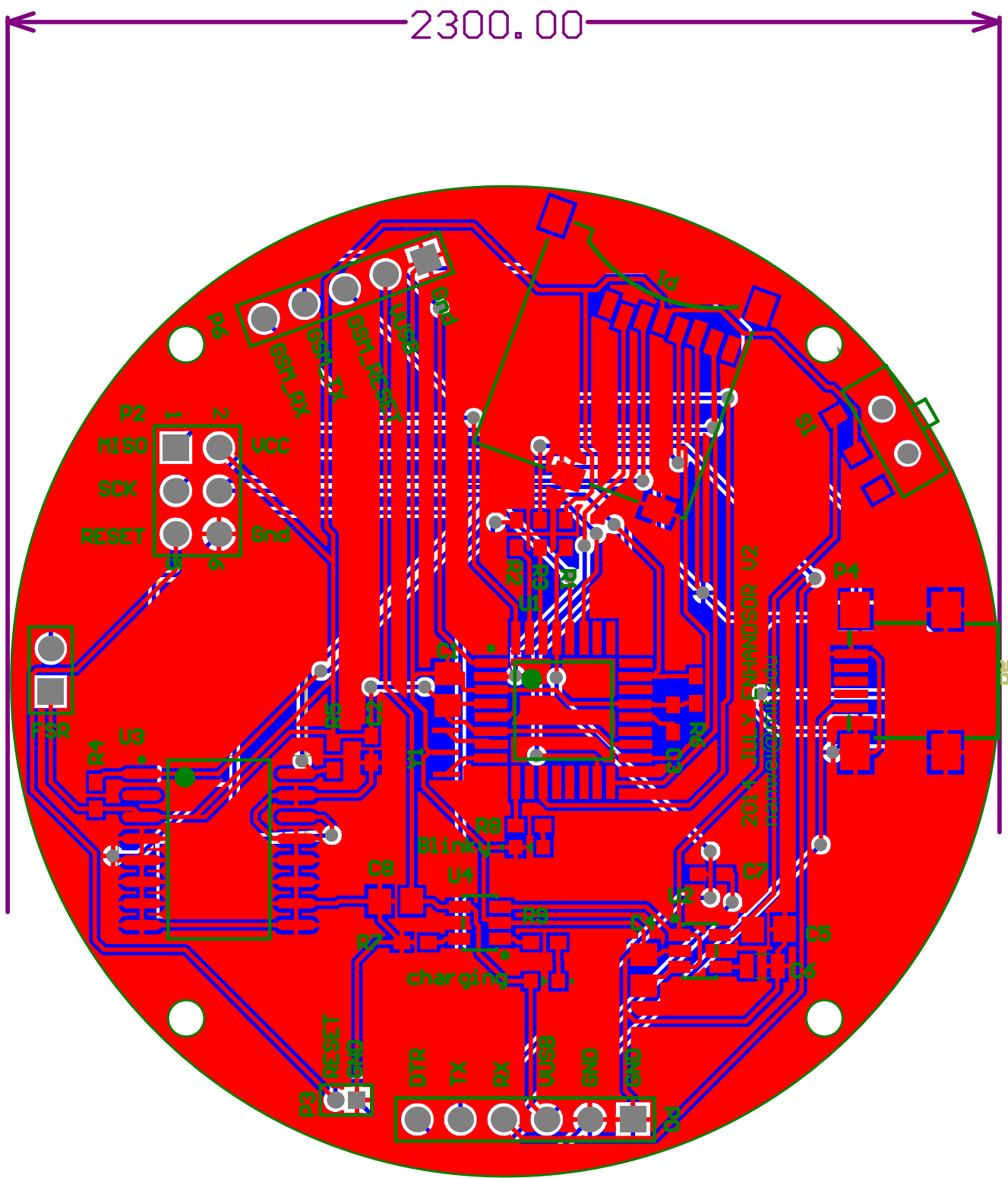


Title			
Nan-Wei Gong			
nanweigong.com			
Revision			
Date:	8/27/2014		Sheet of
File:	C:\Users\...\Soap_sensor_v3.SchDoc		Drawn By:



Comment	Description	Designator	Footprint	LibRef	Quantity
12mm_coincell		B2	12mm_cc	12mm_coincell	1
CAP 0805 10uF 25V X5R	MURATA - GRM21BR61E106KA73L - CAPACITOR, 0805, 10UF, 25V	C1	0805 CAP	CAP 0805 10uF 25V X5R	1
CAP 0603 0.1uF 50V	KEMET - C0603C104K5RAC-TU - CAPACITOR, MLCC, 0603, 50V, 0.1UF	C2, C3, C7	0603 CAP	CAP 0603 0.1uF 50V	3
CAP CASE-A 4.7uF 25V	AVX - TAJA475K025R - CAPACITOR, CASE A, 4.7 UF, 25V	C4	0805 CAP	CAP CASE-A 4.7uF 25V	1
CAP 0805 2.2UF 10V	CAP CER 2.2UF 10V 10% X7R 0805	C5	0805 CAP	CAP 0805 2.2UF 10V	1
CER 470PF 100V 10% X7R 0805		C6	0805	CAP 0805 470PF _1	1
CAP 0805 4.7uF 25V	MULTICOMP - MCCA000551 - MLCC,0805, X5R, 25V, 4.7UF	C8	0805 CAP	CAP 0805 4.7uF 25V	1
LED	ROHM - SML-311DTT86K - LED, 0603, LO-CUR. ORANGE	charging, D1	0603 led	LED 0603 ORANGE SML-311DTT86K	2
Header 2	Header, 2-Pin	FSR	HDR1X2	Header 2	1
Header 6	Header, 6-Pin	P0	HDR1X6	Header 6	1
MICROSD		P1	microsd	MICROSD	1
Header 3X2	Header, 3-Pin, Dual row	P2	HDR2X3	Header 3X2	1
MHDR1X2	Header, 2-Pin	P3	MHDR1X2	MHDR1X2	1
MINIUSB		P4	MINIUSB-NOREG	MINIUSB	1
header2		P5	JST_CONNECTOR	header2	1
Header 5	Header, 5-Pin	P6	HDR1X5	Header 5	1
RES 0603 1% 1K	MULTICOMP - MC 0.063W 0603 1% 1K - RESISTOR, 0603 1K	R1, R2, R3, R7, R8, R9	0603 RES	RES 0603 1% 1K	6
RES 0603 1% 4K7	MULTICOMP - MC 0.063W 0603 1% 4K7 - RESISTOR, 0603 4K7	R4, R5	0603 RES	RES 0603 1% 4K7	2
RES 0603 1% 33K 0.2W	PANASONIC - ERJP03F3302V - RESISTOR, SURGE, 0603, 1%, 33K	R6	0603 RES	RES 0603 1% 33K 0.2W	1
SW-SPDT	SPDT Subminiature Toggle Switch, Right Angle Mounting, Vertical Actuation	S1	SW_AYZ_SPDT	SW-SPDT	1
atmega328		U1	ATMEGA328	atmega328	1
MIC5205		U2	SOT23-5AM	MIC5205	1
IC RTC CLK/CALENDAR I2C 16-SOIC		U3	SOIC16N	DS1339C	1
MCP73831		U4	SOT23-5AM	MCP73831	1
CERALOCK_16Mhz		Y1	CSTCE16M0V53	CERALOCK_16Mhz	1