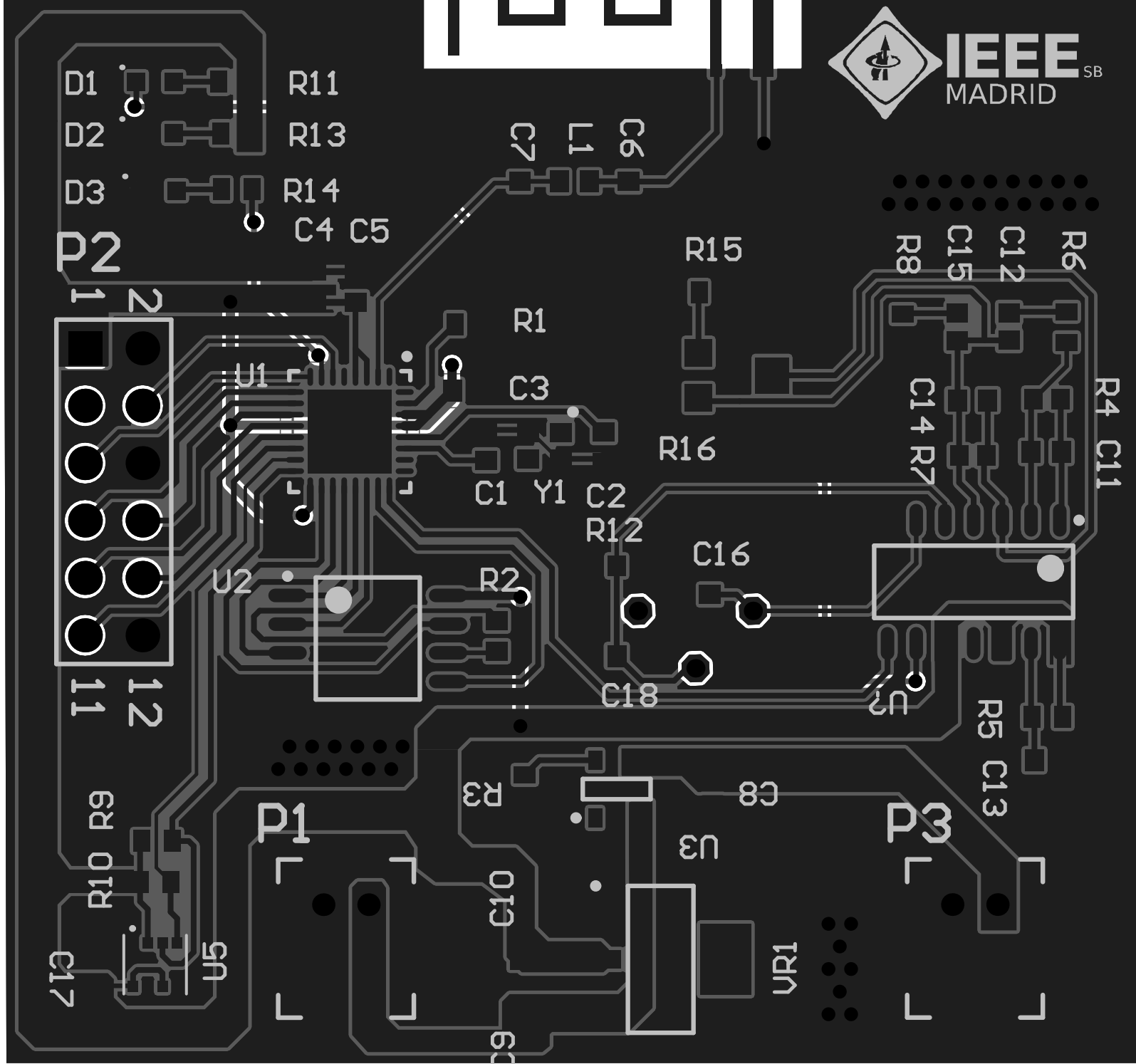


Title		
Size A4	Number	Revision
Date:	11/27/2018	Sheet of
File:	D:\OneDrive\...\Sensor.SchDoc	Drawn By:



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Comment	Description	Designator	Footprint	LibRef	Quantity
6.8PF	CAP CER 6.8PF 50V C0G/NP0 0603	C1, C2	Chip2PinSM127P600- 8N-SAMSUNG-0603	CL10C6R8DB8NNNC	2
1UF	CAP CER 1UF 10V X7R 0603	C3, C8	Chip2PinSM127P600- 8N-SAMSUNG-0603	CL10B105KP8NNNC	2
10UF	CAP CER 10UF 6.3V X5R 0603	C4, C10	Chip2PinSM127P600- 8N-SAMSUNG-0603	CL10A106KQ8NNNC	2
0.1UF	CAP CER 0.1UF 16V Y5V 0603	C5, C9, C13, C16, C17, C18	Chip2PinSM127P600- 8N-SAMSUNG-0603	CL10F104ZO8NNNC	6
2.4PF	CAP CER 2.4PF 50V C0G/NP0 0603	C6	Chip2PinSM127P600- 8N-SAMSUNG-0603	CL10C2R4BB8NNNC	1
3PF	CAP CER 3PF 50V C0G/NP0 0603	C7	Chip2PinSM127P600- 8N-TDK_0603	CL10C030BB8NNNC	1
10nF	CAP CER 10000PF 50V X7R 0603	C11, C14	Chip2PinSM127P600- 8N-SAMSUNG-0603	CL10B103KB8NCNC	2
33UF	CAP CER 33UF 6.3V X5R 0805	C12, C15	Chip2PinSM127P600- 8N-TDK_0603	C2012X5R0J336M12 5AC	2
SML-D12M8WT86	LED GREEN DIFFUSED 0603 SMD	D1, D2, D3	LED_0603_ROHM	SML-D12M8WT86	3
2.2NH	FIXED IND 2.2NH 300MA 150 MOHM	L1	Chip2PinSM127P600- 8N-SAMSUNG-0603	L-14C2N2SV4T	1
Header 2H	Header, 2-Pin, Right Angle	P1, P3	PCBComponent_1 - duplicate	Header 2H	2
Header 6X2	Header, 6-Pin, Dual row	P2	HDR2X6	Header 6X2	1
	SMB Straight Connector	P4	PCBComponent_1 - duplicate3	SMB	1
ZRE200GE	Zmotion Pir Sensor Dual Element	Q1	TO5	ZRE200GE	1
10K	RES SMD 10K OHM 1% 1/8W 0603	R1, R3, R6, R8, R15	Chip2PinSM127P600- 8N-vishay-0603	MCT06030C1002FP5 00	5
200	RES SMD 200 OHM 1% 1/10W 0603	R2	Chip2PinSM127P600- 8N-SAMSUNG-0603	RC1608F201CS	1
560K	RES SMD 560K OHM 1% 1/10W 0603	R4, R7	Chip2PinSM127P600- 8N-Stackpole-0603	ERJ-3EKF5603V	2
220K	RES SMD 220K OHM 1% 1/10W 0603	R5	Chip2PinSM127P600- 8N-vishay-0603	CRCW0603220KFKE AC	1
4.7K	RES SMD 4.7K OHM 5% 1/10W 0603	R9, R10	Chip2PinSM127P600- 8N-vishay-0603	CRCW06034K70JNE AC	2
1K	RES SMD 1K OHM 1% 1/8W 0603	R11, R13, R14	Chip2PinSM127P600- 8N-vishay-0603	MCT06030C1001FP5 00	3
47K	CRGCO 0603 47K 1%	R12	Chip2PinSM127P600- 8N-0603-te	CRGCO0603F47K	1
	Tapped Resistor	R16	PCBComponent_1 - duplicate1	Res Tap	1
ESP8266EX	SMD IC ESP8266EX, QFN32-PIN, 5_5	U1	QFN127P600-8N	ESP8266EX	1
IC FLASH 32M	IC FLASH 32M SPI 133MHZ 8SOIC	U2	SOIC127P600-8N- 208	W25Q32JVSSIQ TR	1
IC BATT	IC BATT CHRGR 800MA TSOT23-5	U3	SOT23127P600-8N- STC4054	STC4054GR	1
BME280	Integrated pressure, humidity and temperature sensor; 8-pin 2.5x2.5x0.93mm LGA	U5	PSON65P250X250X1 00-8N	BME280	1
IC PIR DETECTOR	IC PIR DETECTOR CTLR 14SOIC	U7	SOIC127P600-8N- PIRIC_NCS36000	NCS36000DG	1
LD1117S33TR	IC REG LINEAR 3.3V 800MA SOT223	VR1	SOT230P700X180- 4N_ST	LD1117S33TR	1
FA-128 26.0000MF10	CRYSTAL 26.0000MH	Y1	PCBComponent_1	FA-128 26.0000MF10	1