IOT CONFERENCE BADGE - SENSORS MODULE BOARD BOM
REV 0.1.4

DATE	COMPANY	COMMENT 1	COMMENT 2
2018-06-21	MakeZürich (makezurich.ch) & GDG Zürich (gdgzh.ch)		

COMMENT 3	COMMENT 4	TOTAL PARTS	
		16 (Unique 14)	

Ref	Qty	Value	Footprint	Arrow Part Number	Description	Height	Manufactu
\[C\] - Capacitors							
C2	1	100pF	Capacitors_SMD:C_1206				
C3 C1	2	100nF	Capacitors_SMD:C_1206				
C6	1	1uF	Capacitors_SMD:C_1206				
C5	1	4.7uF (0.2-10 Ohm ESR)	Capacitors_SMD:C_1206				
C4	1	0.01uF	Capacitors_SMD:C_1206				
\[J\] -							
J1	1	I2C_HEADER	badgeComponents:I2C_header_Pitch2.54mm				
J2	1	I2C_boardconnector	badgeComponents:I2C_header_halfround_Pitch2.54mm				
J3	1	BOARD_CONNECTOR	badgeComponents:GND_BOARD_CONNECTOR_halfround_Pitch2.54mm				
\[PS\] -							
PS1	1	TPS78918DBVR	TPS78918DBVT:SOT95P280X145-5N		Texas Instruments TPS78918DBVR LDO Voltage Regulator 0.1A 1.8 V 2.7 10 Vin 5-Pin SOT-23		
\[R\] - Resistors							
R1	1	200k	Resistors_SMD:R_1206				
R3 R2	2	4.7k	Resistors_SMD:R_1206				
\[U\] - Semiconductors							
U2	1	PCA9306	PCA9306TDCURQ1:SOP50P310X90-8N				
U3	1	SHTC3	SHTC3:SHTC3	SHTC3	Humidity and Temperature Sensor IC	0	Sensirio
U1	1	SGPC3-2.5k	SGPC3-2.5k:SON80P245X245X90-7N		SENSIRION - SGPC3-2.5K - DIGITAL LOW POWER GAS SENSOR 1.8V DFN	0.9	Sensirio

BOM made with KICAD_BOM_WIZARD
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