















Title		
Size A4	Number	Revision
Date: 16.6.2016	Sheet of	
File: D:\work\...\Sens001-rhtp.SchDoc	Drawn By:	

Comment	Description	Designator	Footprint	LibRef	Quantity	Value
		+12V, 3V3, A, B, GND, GNDD, RST, SWCLK, SWDIO	En_pin_TP	En_pin	9	
C0603	Ceramic Chip Capacitor - Standard	C1, C2	0603	C0603	2	100n
	Capacitor	C3, C4	0603	Cap	2	100nF
1u	Capacitor	C5, C6, C7	0603	Cap	3	
LED3	Typical BLUE SiC LED	D1, D4, D5	0603	LED3	3	
PMEG2010	1 Amp General Purpose Rectifier	D3	SOD323	Diode 1N4007	1	
STM32F070CxP		IC1	TSOP65P640X110_HS-20N	STM32F070CxP	1	
NCP1117ST33T3		IC2	SOT223_M	VOLTREG_LD1117S33	1	
HDC1080DMBT	HDC1080 Sensor vlage in temperature	IC3	SON100P300X80_HS-7M	HDC1080DMBT	1	
SN65HVD72DGKR	Extended Common-mode RS-485 Transceiver, 25 Mbps, 5 V, Half Duplex, -40 to 85 degC, 8-pin PDIP (P), Pb-Free (RoHS)	IC4	SO8_L	SN65HVD20PE4	1	
MS5637	Baro sensor	IC5	MS5637	MS5637	1	
Res2	Resistor, 2k2, 2k2, Resistor	JMP1, R4, R5, R10	0603	Res2	4	10k
Res2	Resistor	R6, R9, R11, R12	0603	Res2	4	2k2
Res2	Resistor	R7, R8	0603	Res2	2	10E