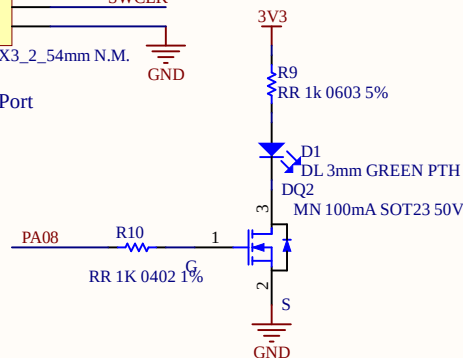
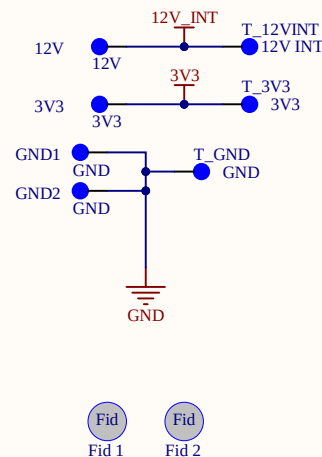
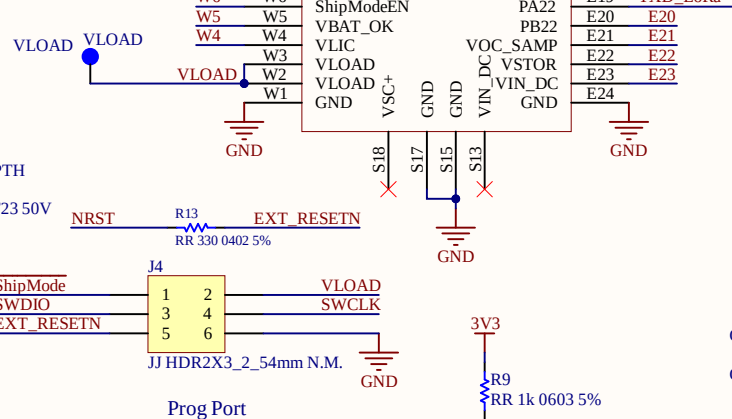
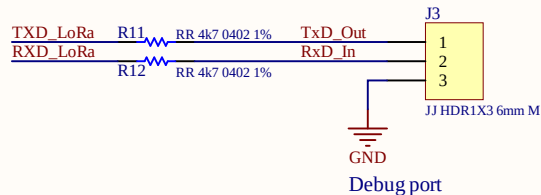
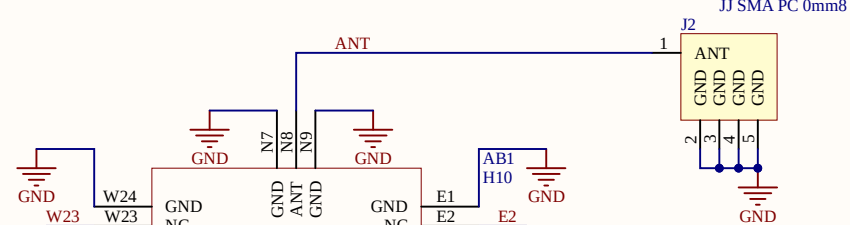




Title ST03 carrier termoigrometro			ACME Systems srl	
Size: A4	Number:	Revision: 2	Amedeo Asquini	
Date: 14/07/2022	Time: 18:45:16	Sheet of	www.acmesystems.it	
File: E:\test\Sealfire\Progetti\Amedeo\TermoigroH10\TermoigroH10.SchDoc				

Comment	Description	Designator	Footprint	LibRef	Quantity
3V3	Test Point	3V3	TP PTH	TP TEST POINT	1
12V	Test Point	12V	TP PTH	TP TEST POINT	1
A	Test Point	A	TP 1.3mm	TP TEST POINT	1
H10		AB1	AB H10	AB H10	1
B	Test Point	B	TP 1.3mm	TP TEST POINT	1
CC 100nF 0402 10V	Capacitor, Multi Layer Ceramic	C1, C3	CC 0402S 1005m SOLDER	CC Ceramic Capacitor, CC Ceramic	2
CC 10uF 0805 10V	Capacitor, Multi Layer Ceramic	C2	CC 0805 (2012 metric)	CC Ceramic Capacitor	1
CC 18pF 0402 N.M.	Capacitor, Multi Layer Ceramic	C4, C6	CC 0402S 1005m SOLDER	CC Ceramic	2
CC 47uF 1206 10V	Capacitor, Multi Layer Ceramic	C5	CC 1206 (3216 metric)	CC Ceramic Capacitor	1
CC 10uF 50V 1206	Capacitor, Multi Layer Ceramic	C7, C8	CC 1210 (3225 metric)	CC Ceramic Capacitor	2
CC 100nF 0603 25V	Capacitor, Multi Layer Ceramic	C9	CC 0603 (1608 metric)	CC Ceramic Capacitor	1
DL 3mm GREEN PTH	LED Light-emitting diode	D1	DL PTH 3mm	DL LED	1
DL 3mm RED PTH	LED Light-emitting diode	D2	DL PTH 3mm	DL LED	1
DD 100mA 0603 80V	Normal Diode	D3	DD 0603	DD Silicon Diode	1
EN3V3	Test Point	EN 1	TP 1.3mm	TP TEST POINT	1
FF ACME		Fid 1, Fid 2	Fiducial 1mm_small	FF ACME	2
GND	Test Point	GND1, GND2	TP PTH	TP TEST POINT	2
4 X JJ HDR 1X2 TB 5mm SCREW	Terminal block 8POS 5mm	J1	JJ 691137710008	JJ WE 691137710008	1
JJ SMA PC 0mm8	Connector RP-SMA	J2	SMA EDGE MOUNT 0031	JJ RP-SMA	1
JJ HDR1X3 6mm M		J3	HDR 1x3 NAKED	JJ HDR 1x3 2.54mm	1
JJ HDR2X3_2_54mm N.M.	Header 2X3	J4	HDR2X3 naked - programmer	JJ HDR2X3_2_54mm	1
LL 3uH3 1A7 1008	Power inductor	L1	SRN5040 / ASPI-4030S DUAL	LL Inductor	1
LF 221 0805 2A	Ferrite 220 Ohm 2A 0805	LF1, LF2	LL 0805 (2012 metric)	LF Ferrite	2
LF 221 0603 1.5A	Ferrite 220 Ohm 2A 0805	LF3	LL 0603 (1608 metric)	LF Ferrite	1
PA04	Test Point	PA04	TP 1.3mm	TP TEST POINT	1
PA05	Test Point	PA05	TP 1.3mm	TP TEST POINT	1
PA06	Test Point	PA06	TP 1.3mm	TP TEST POINT	1
PA07	Test Point	PA07	TP 1.3mm	TP TEST POINT	1
PA08	Test Point	PA08	TP 1.3mm	TP TEST POINT	1
MN 100mA SOT23 50V	100mA N-Channel Logic MOSFET SOT23	Q1, Q2	SOT23 for IRLML6402	MN 100mA SOT23 50V	2
RR 0R 0402	Resistor	R1	RR 0402S 1005m SOLDER	RR Resistor	1
RR 22k1 0402 1%	Resistor	R2	RR 0402S 1005m SOLDER	RR Resistor	1
RR 27k 0402 1%	Resistor	R3	RR 0402S 1005m SOLDER	RR Resistor	1
RR 10k 0402 1%	Resistor	R4, R5, R6	RR 0402S 1005m SOLDER	RR Resistor	3
RR 1k 0603 5%	Resistor	R7, R9	RR 0603 (1608 metric)	RR Resistor	2
RR 1K 0402 1%	Resistor	R8, R10	RR 0402S 1005m SOLDER	RR Resistor	2
RR 4k7 0402 1%	Resistor	R11, R12	RR 0402S 1005m SOLDER	RR Resistor	2
RR 330 0402 5%	Resistor	R13	RR 0402S 1005m SOLDER	RR Resistor	1
3V3	Test Point	T_3V3	TP 1.3mm	TP TEST POINT	1
12V_EXT	Test Point	T_12VEXT	TP 1.3mm	TP TEST POINT	1
12V_INT	Test Point	T_12VINT	TP 1.3mm	TP TEST POINT	1
GND	Test Point	T_GND	TP 1.3mm	TP TEST POINT	1
GND_EXT	Test Point	T_GNDEXT	TP 1.3mm	TP TEST POINT	1
SW	Test Point	TP1	TP 1.3mm	TP TEST POINT	1
MAX3483ECSA		U1	SOIC-8	IC MAX3483ECSA SO8	1
IC AP62300WU SOT23-6	3A 4.2V-18V Buck Converter	U2	IC SOT23-6	AP6230x	1
VLOAD	Test Point	VLOAD	TP 1.3mm	TP TEST POINT	1