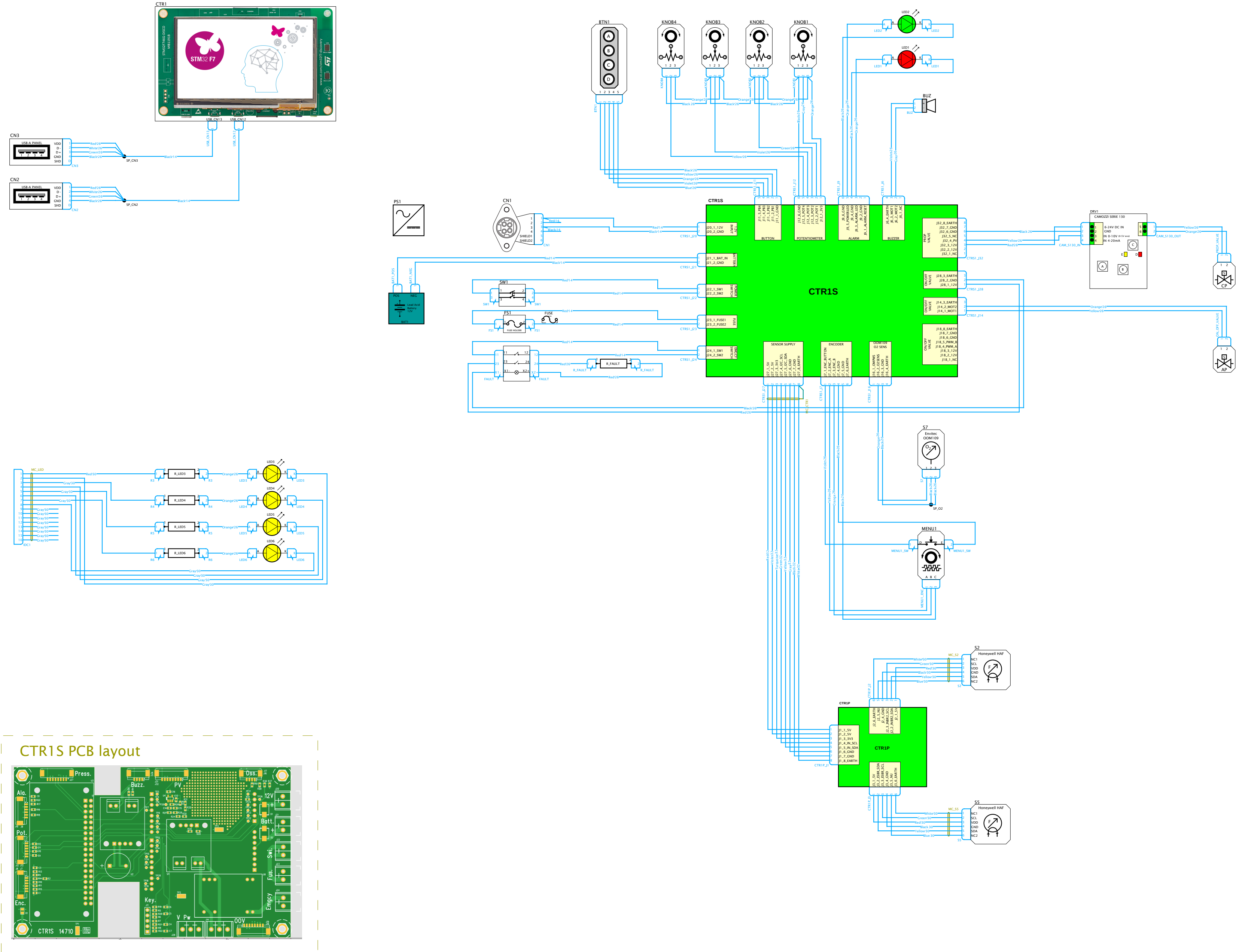

Logic devices Table

Index	Device	Part Number	Short Description	Part Description	Type Description
1	AP	Electrovalve_2_terminals	-	Electrovalve 2 terminals	Device
2	BAT1	14711	-	Lead Acid Battery, rechargeable, 12V, 9Ah, 151x94x...	Device
3	BTN1	14705	-	APEM 1+4 matrix keypad with insert pocket	Device
4	BUZ	14718	-	Piezo buzzer audio transducer, 97 dB, 4.5 kHz, 50V...	Device
5	CN1	5133	-	Panel connector, circular, 4 contacts, female, shi...	Device
6	CN2	6420	-	Panel connector, round, USB type A, 5 contacts, so...	Device
7	CN3	6420	-	Panel connector, round, USB type A, 5 contacts, so...	Device
8	CP	Electrovalve_2_terminals	-	Electrovalve 2 terminals	Device
9	CTR1	14703	-	STM32F746GDISCOVERY	Device
10	CTR1P	14708.A	-	CTR1P Electronic Boards	Device
11	CTR1S	14709.A	-	CTR1S Electronic board shield for 32F46GDISCO	Device
12	DRV1	14736	-	Camozzi Serie 130 Dispositivo di controllo elettro...	Device
13	FAULT	11053	-	EmergencySwitch For SwitchHeadø32mm IP65	Device
14	FS1	6808	-	Plastic fuseholder, for 5x20mm fuse, IP67	Device
15	FUSE	-	-		-
16	KNOB1	14704	-	Potentiometer Vishay 533B1103JL, 10k, Rotart, 3 t...	Device
17	KNOB2	14704	-	Potentiometer Vishay 533B1103JL, 10k, Rotart, 3 t...	Device
18	KNOB3	14704	-	Potentiometer Vishay 533B1103JL, 10k, Rotart, 3 t...	Device
19	KNOB4	14704	-	Potentiometer Vishay 533B1103JL, 10k, Rotart, 3 t...	Device
20	LED1	14725	-	LED red panel mount	Device
21	LED2	14724	-	LED green panel mount	Device
22	LED3	14726	-	LED yellow panel mount	Device
23	LED4	14726	-	LED yellow panel mount	Device
24	LED5	14726	-	LED yellow panel mount	Device
25	LED6	14726	-	LED yellow panel mount	Device
26	MENU1	14706	-	Encoder, vertical, mechanical, 30 positions, 15PPR...	Device
27	PS1	5123	-	External power supply for medical use, 100W, 80-26...	Device
28	R_FAULT	14719	-	Resistor Carbon film, 1K, 0.5W, 5%, THD, Diam 6.3x...	Device
29	R_LED3	12058	-	Resistor Carbon film, 100R, 0.5W, 5%, THD, Diam 6....	Device
30	R_LED4	12058	-	Resistor Carbon film, 100R, 0.5W, 5%, THD, Diam 6....	Device
31	R_LED5	12058	-	Resistor Carbon film, 100R, 0.5W, 5%, THD, Diam 6....	Device
32	R_LED6	12058	-	Resistor Carbon film, 100R, 0.5W, 5%, THD, Diam 6....	Device
33	S2	14673	-	Honeywell ZephyrTM Digital Airflow Sensors, Unidir...	Device
34	S5	14673	-	Honeywell ZephyrTM Digital Airflow Sensors, Unidir...	Device
35	S7	14712	-	High Quality O2 Gas Sensors, temperature compensat...	Device
36	SW1	7045	-	Rocker switch DPST, off-on switch configuration, f...	Device

Harness attribute Legend

Color	Harness
	IITvsC19 Ventilator Harness

Revision History

Revision	Date	Description	Short Description
0.0.1	28/03/2020	IITvsC19 Ventilator	IITvsC19 Ventilator

iit — IIT - Istituto Italiano di Tecnologia, Via Morego, 30, 16163 - Genova	Project: IITvsC19-Ventilator		
	Drawn: Andrea Mura	Created: Andrea Mura	Approved:
Document: 14682_IITvsC19 Ventilator Logic Diagram1			Revision: 0.0.1
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