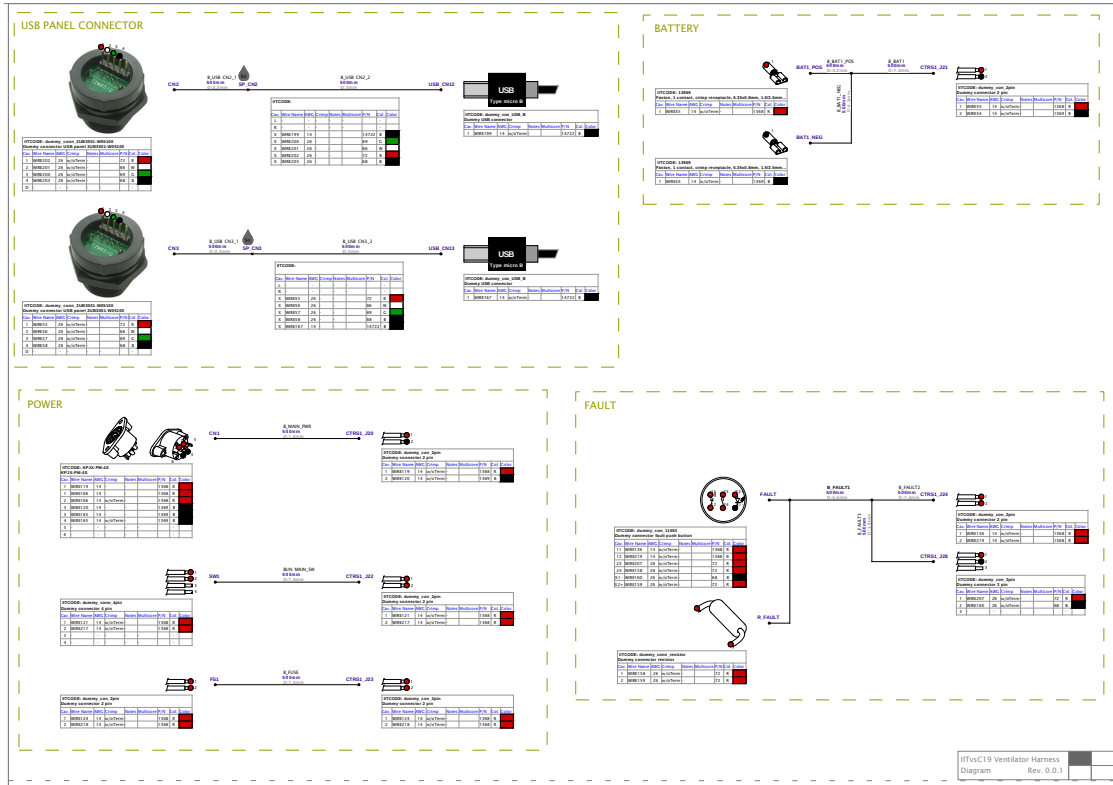
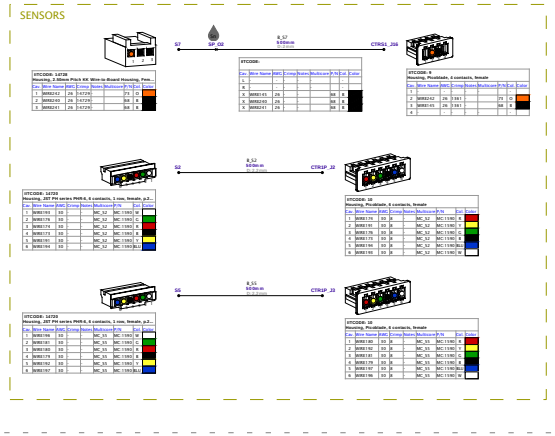
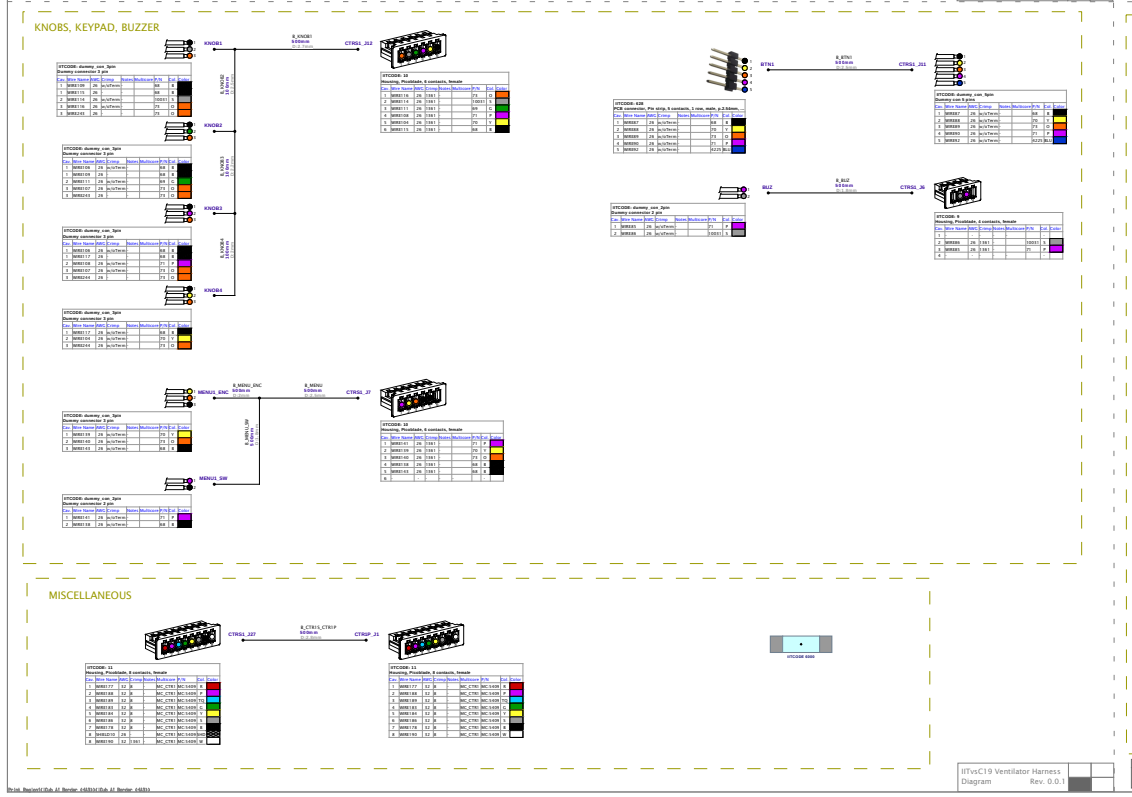
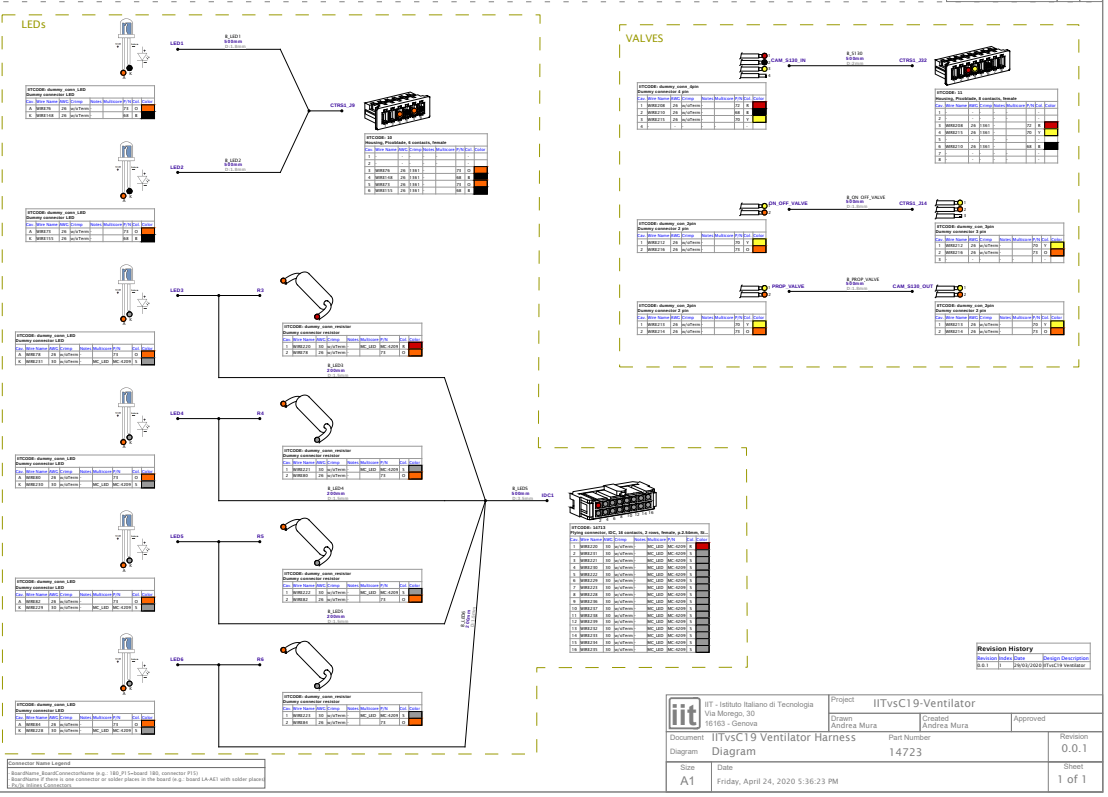


Harness BOM Table

Index	BT Code	Description	Type Description	Color	Supplier P/N	Supplier Name	Unit	Qty/Length (mm)
1	8	Housing, Picoblade, Female AWG29-32	Terminal	Not Applicable	105018-8000	MOLEX	Each	27
2	9	Housing, Picoblade, 4 contacts, female	Connector - Female	White	51021-0400	MOLEX	Each	2
3	10	Housing, Picoblade, 8 contacts, female	Connector - Female	White	51021-0800	MOLEX	Each	5
4	11	Housing, Picoblade, 8 contacts, female	Connector - Female	White	51021-0800	MOLEX	Each	3
5	66	Fifteen insulated, 1 pole AWG26, white	Single Wire	White	-	-	Per Length	1010
6	68	Fifteen insulated, 1 pole AWG26, black	Single Wire	Black	-	-	Per Length	7425
7	69	Fifteen insulated, 1 pole AWG26, green	Single Wire	Green	-	-	Per Length	1010
8	70	Fifteen insulated, 1 pole AWG26, yellow	Single Wire	Yellow	-	-	Per Length	3800
9	71	Fifteen insulated, 1 pole AWG26, violet	Single Wire	Violet	-	-	Per Length	2700
10	72	Fifteen insulated, 1 pole AWG26, red	Single Wire	Red	-	-	Per Length	2510
11	73	Fifteen insulated, 1 pole AWG26, orange	Single Wire	Orange	-	-	Per Length	6400
12	828	PCB connector, Pin strip, 5 contacts, 1 row, male.	Connector - Female	Not Applicable	-	-	Each	2
13	1361	Crimp Picoblade, Female AWG26-28	Terminal	Not Applicable	105079-8000	MOLEX	Each	23
14	1364	PVC insulated, 1 pole AWG14, 600V red	Single Wire	Red	-	-	Per Length	6400
15	1369	PVC insulated, 1 pole AWG14, 600V black	Single Wire	Black	-	-	Per Length	1600
16	1595	Fifteen insulated cable, 6 poles	Multicore Wire	Black	-	-	Per Length	1000
17	4209	Ribbon flat cable, 16 poles, p.1.27mm, AWG30, with...	Multicore Wire	Not Applicable	-	-	Per Length	900
18	4225	Fifteen insulated, 1 pole AWG26, blue	Single Wire	Blue	-	-	Per Length	510
19	5409	Fifteen insulated cable, 8 poles, AWG22	Multicore Wire	Black	-	-	Per Length	500
20	6000	Glass fuse, 4A, fast, 5x20mm	Ferrite	Not Applicable	-	-	Each	1
21	10031	Fifteen insulated, 1 pole AWG26, grey	Single Wire	Grey	-	-	Per Length	1000
22	13968	Fusion, 1 contact, crimp receptacle, 6.35x0.8mm, t...	Connector - Female	Not Applicable	-	-	Each	2
23	14713	Fusing connector, IDC, 16 contacts, 2 rows, female...	Connector - Female	Not Applicable	-	-	Each	1
24	14720	Housing, JST PH series PHR-6, 6 contacts, 1 row, f...	Connector - Female	Not Applicable	-	-	Each	2
25	14721	SIB cable, USB A to micro USB B, L: 500mm	Single Wire	Black	-	-	Each	2
26	14728	Housing, 2.10mm Pitch HX Wire-to-Board Housing, Fe...	Connector - Female	Not Applicable	-	-	Each	1
27	14729	Crimp terminal, Molex HX 2.54 Crimp Terminal, Femal...	Terminal	Not Applicable	-	-	Each	3

WireList

Wire No.	From	Cac	To	Cac	BT Code	AWG	M/C	Length	Col.	Color
WR4124	BAT1_NEG	1	CTRS1_J21	2	13968	14		1000	Black	
WR4125	BAT1_POS	1	CTRS1_J21	1	13968	14		1000	Red	
WR4867	BTN1	2	CTRS1_J11	1	68	26		500	Yellow	
WR4868	BTN1	2	CTRS1_J11	2	70	26		500	Yellow	
WR4869	BTN1	3	CTRS1_J11	3	73	26		500	Orange	
WR4960	BTN1	4	CTRS1_J11	4	71	26		500	Violet	
WR4962	BTN1	5	CTRS1_J11	5	69	26		500	Green	
WR5865	BUZ	1	CTRS1_J6	1	71	26		500	Violet	
WR5866	BUZ	2	CTRS1_J6	2	10031	26		500	Grey	
WR6118	CN1	1	CTRS1_J20	1	13968	14		500	Red	
WR6146	CN1	2	CN1	1	13968	14		100	Red	
WR6120	CN1	3	CTRS1_J20	2	13969	14		500	Black	
WR6165	CN1	4	CN1	3	13968	14		100	Black	
WR6855	CN3	1	SP_CN3	X	72	26		500	Red	
WR6856	CN3	2	SP_CN3	X	66	26		505	White	
WR6857	CN3	3	SP_CN3	X	69	26		505	Green	
WR6858	CN3	4	SP_CN3	X	68	26		505	Black	
WR6184	CTRIP_J1	5	CTRS1_J27	5		32	MC_CT60	500	Yellow	
WR6190	CTRIP_J1	8	CTRS1_J27	8		32	MC_CT60	500	White	
WR6191	CTRIP_J2	5	S2	6		30	MC_S2	500	Yellow	
WR6194	CTRIP_J2	5	S2	6		30	MC_S2	500	Blue	
WR6193	CTRIP_J2	6	S2	1		30	MC_S2	500	White	
WR6192	CTRIP_J3	2	S5	5		30	MC_S5	500	Yellow	
WR6187	CTRIP_J3	5	S5	6		30	MC_S5	500	Blue	
WR6196	CTRIP_J3	6	S5	1		30	MC_S5	500	White	
WR6149	CTRIS1_J7	1	MENU1_SW	1	71	26		1000	Violet	
WR6139	CTRIS1_J7	2	MENU1_ENC	1	70	26		1000	Yellow	
WR6140	CTRIS1_J7	3	MENU1_ENC	2	73	26		1000	Orange	
WR6138	CTRIS1_J7	4	MENU1_SW	2	68	26		1000	Black	
WR6143	CTRIS1_J7	5	MENU1_ENC	3	68	26		1000	Black	
WR6148	CTRIS1_J9	4	LED1	6	68	26		500	Black	
WR6116	CTRIS1_J13	1	KNOB1	3	73	26		500	Orange	
WR6115	CTRIS1_J13	6	KNOB1	1	68	26		500	Black	
WR6212	CTRIS1_J14	1	ON_OFF_VALVE	1	70	26		500	Yellow	
WR6216	CTRIS1_J14	2	ON_OFF_VALVE	2	70	26		500	Orange	
WR6242	CTRIS1_J16	2	S7	1	73	26		500	Orange	
WR6145	CTRIS1_J16	3	SP_O2	5	68	26		400	Black	
WR6121	CTRIS1_J22	1	BW1	1	13968	14		500	Red	
WR6217	CTRIS1_J22	2	SW1	2	13968	14		500	Red	
WR6218	CTRIS1_J23	2	FS1	2	13968	14		500	Red	
WR6219	CTRIS1_J24	2	FAULT	13	13968	14		500	Red	
WR6177	CTRIS1_J27	1	CTRIP_J1	1		32	MC_CT60	500	Red	
WR6188	CTRIS1_J27	2	CTRIP_J1	2		32	MC_CT60	500	Violet	
WR6189	CTRIS1_J27	3	CTRIP_J1	3		32	MC_CT60	500	Turquoise	
WR6183	CTRIS1_J27	4	CTRIP_J1	4		32	MC_CT60	500	Green	
WR6186	CTRIS1_J27	6	CTRIP_J1	6		32	MC_CT60	500	Grey	
WR6178	CTRIS1_J27	7	CTRIP_J1	7		32	MC_CT60	500	Black	
SHELD1	CTRIS1_J27	8				24	MC_CT60	500	shield	
WR6208	CTRIS1_J32	1	CAM_S1_O2_IN	1	72	26		500	Red	
WR6215	CTRIS1_J32	4	CAM_S1_O2_IN	3	70	26		500	Yellow	
WR6210	CTRIS1_J32	6	CAM_S1_O2_IN	2	68	26		500	Black	
WR6136	FAULT	11	CTRS1_J24	1	13968	14		1000	Red	
WR6207	FAULT	23	CTRS1_J24	1	72	26		1000	Red	
WR6158	FAULT	24	R_FAULT	1	72	26			Red	
WR6160	FAULT	51	CTRS1_J24	2	68	26		1000	Black	
WR6159	FAULT	X2+	R_FAULT	2	72	26			Red	
WR6134	FS1	1	CTRS1_J23	1	13968	14		500	Red	
WR6231	IDC1	2	LED3	6		30	MC_LED	900	Gray	
WR6221	IDC1	3	R3	1		30	MC_LED	900	Gray	
WR6230	IDC1	4	LED4	6		30	MC_LED	900	Gray	
WR6222	IDC1	5	R4	1		30	MC_LED	900	Gray	
WR6229	IDC1	6	LED5	6		30	MC_LED	900	Gray	
WR6223	IDC1	7	R5	1		30	MC_LED	900	Gray	
WR6228	IDC1	8	LED6	6		30	MC_LED	900	Gray	
WR6226	IDC1	9				30	MC_LED		Gray	
WR6227	IDC1	10				30	MC_LED		Gray	
WR6238	IDC1	11				30	MC_LED		Gray	
WR6239	IDC1	12				30	MC_LED		Gray	
WR6232	IDC1	13				30	MC_LED		Gray	
WR6233	IDC1	14				30	MC_LED		Gray	
WR6234	IDC1	15				30	MC_LED		Gray	
WR6235	IDC1	16				30	MC_LED		Gray	
WR6114	KNOB1	2	CTRS1_J13	2	10031	26		500	Gray	
WR6109	KNOB1	3	KNOB1	3	68	26		100	Black	
WR6111	KNOB1	2	CTRS1_J13	3	69	26		600	Green	
WR6243	KNOB1	3	KNOB1	2	73	26		100	Orange	
WR6106	KNOB1	1	KNOB1	1	68	26		100	Black	
WR6108	KNOB1	2	CTRS1_J13	2	71	26		700	Violet	
WR6107	KNOB1	3	KNOB2	3	73	26		100	Orange	
WR6117	KNOB1	1	KNOB2	1	68	26		100	Black	
WR6104	KNOB4	2	CTRS1_J13	5	70	26		800	Yellow	
WR6244	KNOB4	3	KNOB2	3	73	26		100	Orange	
WR6876	LED1	A	CTRS1_J9	3	73	26		500	Orange	
WR873	LED2	A	CTRS1_J9	5	73	26		500	Orange	
WR6115	LED2	A	CTRS1_J9	5	68	26		400	Black	
WR878	LED3	A	R3	2	73	26		400	Orange	
WR880	LED4	A	R4	2	73	26		400	Orange	
WR882	LED5	A	R5	2	73	26		400	Orange	
WR884	LED6	A	R6	2	73	26		400	Orange	
WR6213	PROP_VALVE	1	CAM_S1_O2_OUT	1	70	26		500	Yellow	
WR6214	PROP_VALVE	2	CAM_S1_O2_OUT	2	73	26		500	Orange	
WR6220	R3	1	IDC1	1		30	MC_LED	900	Red	
WR6176	S2	1	CTRIP_J2	1		30	MC_S2	500	Green	
WR6174	S2	3	CTRIP_J2	1		30	MC_S2	500	Red	
WR6173	S2	4	CTRIP_J2	4		30	MC_S2	500	Black	
WR6181	S5	2	CTRIP_J3	1		30	MC_S5	500	Green	
WR6180	S5	3	CTRIP_J3	1		30	MC_S5	500	Red	
WR6179	S5	4	CTRIP_J3	4		30	MC_S5	500	Black	
WR6240	S7	2	SP_O2	5	68	26		105	Black	
WR6241	S7	3	SP_O2	X	68	26		105	Black	

WireList

Wire No.	From	Cac	To	Cac	BT Code	AWG	M/C	Length	Col.	Color
WR6199	SP_CN2	X	USB_CN2	1	14722	14		505	Black	
WR6200	SP_CN2	X	CN2	2	68	26		505	Green	
WR6201	SP_CN2	X	CN2	2	66	26		505	White	
WR6202	SP_CN2	X	CN2	1	72	26		505	Red	
WR6203	SP_CN2	X	CN2	4	68	26		505	Black	
WR6167	SP_CN3	X	USB_CN3	1	14722	14		505	Black