

LISTA PARTI SCHEDA 22-303-0

DATA 09/04/2023

Pos.	Qtà	Rif	Descrizione	Value	PN Costruttore	PN Fornitore	Costruttore	Package	Note
1	39	C1,C7,C8,C9,C11,C15,C16,C17,C19,C23,C24,C25,C27,C31,C32,C33,C35,C39,C40,C41,C43,C45,C46,C49,C50,C51,C52,C53,C54,C58,C63,C69,C71,C72,C73,C74,C75,C77,C78	MLCC - SMD/SMT 50V 0.1uF X7R 0603 10%	100nF	C0603C104K5RACTU	M:80-C0603C104K5R	KEMET	SMD0603	MLCC, X7R, 50V 0603
2	3	C2,C3,C4	MLCC - SMD/SMT 50V 68pF COG (NP0) 0603 2%	68pF	C0603C680G5GACTU	M:80-C0603C680G5G	KEMET	SMD0603	100V
3	10	C5,C12,C13,C20,C21,C28,C29,C36,C37,C44	COND.CRM. MULTILAYER SMD	1uF	C0805C105Z3VAC	RS 434-8081P		SMD0805	
4	5	C6,C14,C22,C30,C38	COND.ELT.ALLUM.SMD	100uF	865080545012		Würth Elektronik		
5	5	C10,C18,C26,C34,C42	MLCC - SMD/SMT 50V0.22uF X7R 1206 10%	220nF	C1206C224M5UAC			SMD1206	
6	2	C47,C48	MLCC, X7R, 50V 0603	10nF	VARI		VARI	SMD0603	MLCC, X7R, 50V 0603
7	6	C55,C56,C59,C60,C61,C62	Cond.Elt.Tantalo 35V SIZE C	4u7	T491C475K035AT	R- 538-2537	KEMET	TNT SIZE C	35V
8	1	C57	Cond.Multilayer X7R, 50V 1210	2u2F	C1210C225K5RACTU	R-691-1246	KEMET	SMD1210	50V, X7R
9	1	C70	MLCC X7R, 10V 0805	10uF	C0805C106K8RACTU	KEMET	KEMET	SMD0805	10V, X7R
10	1	C76	MLCC X7R, 10V 1206	4u7	VARI	VARI	KEMET	SMD1206	10V, X7R
11	2	C79,C80	MLCC - SMD/SMT 10V 22pF COG (NP0) 0603 10%	22pF	C0603C220K8GACTU	M: 80-C0603C220K8GACTU	KEMET	SMD0603	10V, X7R
12	5	DL1,DL2,DL3,DL4,DL5	Diodo led smd 0805	GIALLO	KP-2012YD		KINGBRIGHT	SMD0805	
13	4	DL6,DL7,DL9,DL10	Diodo led smd 0805	VERDE	KP-2012SGD	F-2449804	KINGBRIGHT	SMD0805	
14	1	DL8	Diodo led smd 0805	BLU	KP-2012PBC	F-8529884	KINGBRIGHT	SMD0805	
15	12	D1,D2,D3,D4,D5,D6,D7,D8,D9,D10,D16,D17	DIODO 100V 200mA	1N4148WT	1N4148WT	F-2453270	ON	SOD523F	300mA
16	1	FLT1	filtro EMI 50V 15A EMI BLK FILT	BNX012-01	BNX012-01		MURATA	THT	
17	1	F1	Fusibili a montaggio superficiale 2 AMP	154 003T	150 002T		LITTELFUSE		
18	1	F6	Fusibili a montaggio superficiale 2 AMP	154 001T	150 002T		LITTELFUSE		
19	1	J1	CONN.HEADER 2X5 DRITTO P2	98414-G06-10LF	98414-G06-10LF	D-609-2580-ND	FCI	THT	PASSO 2MM
20	1	J2	CONN HEADER VERT 4POS 2.5MM	B4B-XH-A(LF)(SN)	B4B-XH-A(LF)(SN)		JST	B4B-XH-A(LF)(SN)	CONN HEADER VERT 4POS 2.5MM
21	5	J3,J4,J5,J6,J7	Connettore filo scheda verticale P.2.mm 4 VIE VERTICALE PTH	CT-4-VERT	292161-4		TE	292161-4	Connettore filo scheda verticale P.2.mm 4 VIE VERTICALE PTH
22	1	J8	Connettore filo scheda verticale P.2.mm 3 VIE VERTICALE PTH	CT-3-VERT	292161-3		TE	292161-3	Connettore filo scheda verticale P.2.mm 3 VIE VERTICALE PTH
23	1	J9	ZIF p1mm Orizzontale	ZIF-ORIZ	686106183522		WURTH	686106183522	ZIF p1mm Orizzontale
24	1	J10	Connettore 90° 2 pin	1803277	1803277			THT	
25	1	J11	Header boxed IDC dritto 2 X 3 P.2.54	61200621621	61200621621	F-2356251	WURTH	THT	

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26	1	L1	Filtro Modo Comune x CAN BUS	DLW32SH101XF2L	DLW32SH101XF2L	D-490-DLW32SH101XF2LTR-ND	MURATA	DLW32SH101XF2L	115mA
27	3	L2,L4,L5	Ferrite Bead	BLM18BD102	BLM18BD102SN1D	R-724-1318	MURATA	SMD0603	200mA, 1K@100MHz
28	1	L3	Induttore 8.2uH	8.2uH	SRR4528A-8R2Y	R-1765964	BOURNS	5X5MM SMD	2A, 70moHm, ferrite
29	5	MH1,MH2,MH3,MH4,MH5		E					
30	15	Q1,Q2,Q3,Q4,Q5,Q6,Q7,Q8,Q9,Q10,Q11,Q12,Q13,Q14,Q15	MOSFET CANALE N	2N7002L	2N7002L	M: 512-2N7002L	ON	SOT23	60V VDS, 115mA, Vth=1.8
31	1	R1	Resistore thick film 1/8W 1% 0603	33R	VARI	MULTICOMP	VARI	SMD0603	
32	5	R2,R59,R60,R61,R62	Resistore thick film 1/8W 1% 0603	120R	VARI	MULTICOMP	VARI	SMD0603	
33	4	R3,R4,R7,R56	Resistore thick film 1/8W 1% 0603	470R	VARI	MULTICOMP	VARI	SMD0603	
34	2	R5,R6	Resistore thick film 1/8W 1% 0603	60R	VARI	MULTICOMP	VARI	SMD0603	
35	5	R8,R17,R26,R35,R44	Resistore thick film 1/8W 1% 0603	560R	VARI	MULTICOMP	VARI	SMD0603	
36	5	R9,R18,R27,R36,R45	Resistore thick film 1/8W 1% 0603	24K9	VARI	MULTICOMP	VARI	SMD0603	
37	10	R10,R11,R19,R20,R28,R29,R37,R38,R46,R47	Resistore thick film 1/4W 1% 1206	0R330	RL1206FR-7W0R33L			SMD1206	
38	6	R12,R21,R30,R39,R48,R54	Resistore thick film 1/8W 1% 0603	15K	VARI	MULTICOMP	VARI	SMD0603	
39	7	R13,R22,R31,R40,R49,R67,R82	Resistore thick film 1/8W 1% 0603	2K2	VARI	MULTICOMP	VARI	SMD0603	
40	11	R14,R15,R23,R24,R32,R33,R41,R42,R50,R51,R84	Resistore thick film 1/8W 1% 0603	10K	VARI	MULTICOMP	VARI	SMD0603	
41	6	R16,R25,R34,R43,R52,R83	Resistore thick film 1/8W 1% 0603	1K	VARI	MULTICOMP	VARI	SMD0603	
42	1	R53	Resistore thick film 1/8W 1% 0603	68R	VARI	MULTICOMP	VARI	SMD0603	
43	1	R55	Resistore thick film 1/8W 1% 0603	22K	VARI	MULTICOMP	VARI	SMD0603	
44	5	R57,R63,R64,R65,R66	Resistore thick film 1/8W 1% 0603	820R	VARI	MULTICOMP	VARI	SMD0603	
45	1	R58	Resistore thick film 1/8W 1% 0603	1K7	VARI	MULTICOMP	VARI	SMD0603	
46	4	R68,R74,R76,R86	Resistore thick film 1/8W 1% 0603	680R	VARI	MULTICOMP	VARI	SMD0603	
47	2	R73,R75	Resistore thick film 1/4W 1% 1206	330R	VARI	MULTICOMP	VARI	SMD1206	
48	3	R79,R80,R85	Resistore thick film 1/8W 1% 0603	330R	VARI	MULTICOMP	VARI	SMD0603	
49	1	R81	Resistore thick film 1/8W 1% 0603	100R	VARI	MULTICOMP	VARI	SMD0603	
50	2	R87,R88	Resistore thick film 1/4W 1% 1206	4K7	VARI	MULTICOMP	VARI	SMD1206	
51	1	SW1	Plusante Tactile smd	DTSM-32S-B	DTSM-32S-B		MULTICOMP	SMD	

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52	4	TVS1,TVS2,TVS8,TVS9	Esd monodirezionale	SMBJ5A	SMBJ5.0A		VARI	SMB	5V Nominal
53	1	U1	CAN TRANSCEIVER	TJA1050T	TJA1050T	M-771-TJA1050T/CM,118	NXP	SOIC-8	5V
54	5	U2,U5,U8,U12,U14	CIRCUITO INTEGRATO	XC7SH08GW,125	XC7SH08GW,125				
55	5	U3,U6,U9,U11,U15	CIRCUITO INTEGRATO	A3984SLPTR-T	A3984SLPTR-T				
56	5	U4,U7,U10,U13,U16	CIRCUITO INTEGRATO	MC74HC273ADTG	MC74HC273ADTG				
57	1	U17	Regolatore Variabile	LM317MDCY	LM317MDCY		TI	SOT-223-4	Vo=37V, Io=1A, Vin=4.2-40V
58	1	U18	COMPARATOR WITH hysteresis	TLV7031QDBVRQ1	TLV7031QDBVRQ1		TI	SOT-23-5	
59	1	U19	Fixed Reference	LM4041CYM3-1.2-TR	LM4041CYM3-1.2-TR		MICROCHIP	SOT-23	1.225 0.5%
60	1	U20	DC/DC 5V 500mA	TSR 0.5-2450	TSR 0.5-2450	R-817-9400	TRACO POWER	THT	MAX 36V INPUT
61	1	U21	3.3VDC LDO	NCP1117ST33T3G	NCP1117ST33T3G	M-863-NCP1117ST33T3G	ON	SOT223	1.07V, vimax = 20V, Vi min=3.5V
62	1	U27	Optoisolatore singolo	TCMT1103	TCMT1103	F-1328388	VISHAY	HALF PITCH MINI-FLAT	
63	1	U28	32bit ARM 4F 1MB Flash, 256K Ram, 2xCAN-FD	SAME51J20A-A	SAME51J20A-A		MICROCHIP	TQFP	1.7 to 3.6V
64	2	U30,U31	Rele' stato solido 60Vdc 0.1A	CPC1017N	CPC1017N	M-849-CPC1017N	CLARE	4-PIN SOP	
65	1	XT1	Cristalli 32.768KHz, 12.5pF, ECX-16, +/-20 ppm, 1.6 x 1.0 x 0.5 mm, -40 +85 C, RoHS	32.768 kHz	ECS-.327-12.5-16-TR3	M-520-ECS.32712.516TR3	ECS	1.6 x 1.0 x 0.5 mm	-