

LISTA PARTI SCHEDA 22-304-2

DATA 24_01_2025

Pos.	Qtà	Rif	Descrizione	Value	PN Costruttore	PN Fornitore	Costruttore	Package	Note
1	29	C1,C2,C3,C8,C9,C10,C11,C12,C13,C17,C18,C21,C25,C28,C30,C31,C35,C36,C37,C38,C39,C40,C42,C43,C44,C45,C46,C48,C49	MLCC - SMD/SMT 50V 0.1uF X7R 0603 10%	100nF	C0603C104K5RACTU	M:80-C0603C104K5R	KEMET	SMD0603	MLCC, X7R, 50V 0603
2	4	C4,C5,C6,C7	MLCC - SMD/SMT 50V 68pF COG (NP0) 0603 2%	68pF	C0603C680G5GACTU	M:80-C0603C680G5G	KEMET	SMD0603	MLCC,COG(NP0),50V 0603
3	2	C15,C20	COND.CRM. MULTILAYER Y5V SMD	1uF	C0805C105Z3V	M: 80-C0805C105Z3V	KEMET	SMD0805	MLCC, Y5V 25V 0805
4	1	C16	COND.ELT.ALLUM. 35V SMD SIZE D	100uF	8,65081E+11	M: 710-865080545012	Würth Elektronik	SIZE D	W-CAP-ASLI
5	1	C19	COND.CRM. MULTILAYER SMD	220nF	C1206C224M5UACTM	M: 80-C1206C224M5UACTM	KEMET	SMD1206	MLCC, X7R, 50V 1206
6	5	C22,C23,C26,C32,C33	Cond.Elt.Tantalio 35V SIZE C	4u7	T491C475K035AT	R- 538-2537	KEMET	TNT SIZE C	35V
7	4	C24,C27,C29,C34	MLCC - SMD/SMT 50V 2u2F X7R 1210 10%	2u2F	C1210C225K5RACTU	R-691-1246	KEMET	SMD1210	MLCC,X7R, 50V 1210
8	1	C41	MLCC X7R, 10V 0805	10uF	C0603C104K5RACTU	KEMET	KEMET	SMD0805	MLCC,X7R,10V 0805
9	1	C47	MLCC - SMD/SMT 10V 4.7uF X7R 1206 10%	4u7	C1206C475J8RAUTO	M-80-C1206C475J8RAUTO	KEMET	SMD1206	MLCC,X7R,10V 1206
10	2	C50,C51	MLCC - SMD/SMT 10V 22pF COG (NP0) 0603 10%	22pF	C0603C220K8GACTU	M: 80-C0603C220K8GACTU	KEMET	SMD0603	MLCC,COG(NP0),50V 0603
11	1	DL1	Diodo led smd 0805 VERDE	VERDE	KP-2012SGD	F-2449804	KINGBRIGHT	SMD0805	
12	6	DL3,DL4,DL6,DL7,DL8,DL9	Diodo led smd 0805 GIALLO	GIALLO	KP-2012YD	F-2449812	KINGBRIGHT	SMD0805	
13	1	DL5	Diodo led smd 0805 BLUE	BLU	KP-2012PBC	F-8529884	KINGBRIGHT	SMD0805	
14	17	D1,D2,D3,D4,D5,D6,D7,D8,D10,D11,D12,D13,D14,D15,D16,D17,D18	Fast-speed switching diodes	1N4148WT	1N4148WT	F-2453270	ON	SOD523F	300mA
15	1	D9	Diodo Shottky	BAT721A,215	BAT721A,215	M: 771-BAT721A-T/R	NEXPERIA	SOT23	
16	4	D19,D20,D21,D22	Diodo TVS 5V 30A	SD05-01FTG	SD05-01FTG	M: 576-SD05-01FTG	LITTELFUSE	SOD323-2	
17	1	FLT1	filtro EMI 50V 15A EMI BLK FILT	BNX012-01	BNX012-01	M: 81-BNX012-01	MURATA		
18	1	FR2	Ripristinabile, 0.5A, Ttr=1s, Itr=1A	500mA	SMD050F-2.	M-650-SMD050F-2	LittleFuse	SMD050F-2.	
19	1	F1	Fusibili a montaggio superficiale 2 AMP	154 005T	0154002.DRT	M: 576-0154002.DRT	LITTELFUSE		
20	1	J1	Housings Shrouded PCB Headers, 0.100" pitch	TST-108-03-L-D	TST-108-03-L-D	M-200-TST10803LD	TE		
21	1	J2	CONN.HEADER 2X5 DRITTO P2	NANO-FIT 105310-2108	105310-2108	M: 538-105310-2108	MOLEX	THT	SERIE NANO-FIT
22	1	J3	CONN.HEADER 2X5 DRITTO P2	NANO-FIT 105310-2210	105310-2210	M: 538-105310-2210	MOLEX	THT	SERIE NANO-FIT
23	1	J4	CONN.HEADER 2X5 DRITTO P2	NANO-FIT 105310-1114	105310-1114	M: 538-105310-1114	MOLEX	THT	SERIE NANO-FIT
24	1	J5	Housings .050" Shrouded IDC	EHF-113-01-L-D-SM	EHF-113-01-L-D-SM	M-200-EHF11301LDSM	SAMTEC		
25	1	J6	CONN. 3 pin Verticale, p 2.54 JST	292171-3	JST B3B-XH-AM	M: 571-292171-3	TE		
26	1	J7	iButtons & Accessories iButton Clip	i-Button	DS9094FS	M-700-DS9094FS	DALLAS		
27	1	J8	CONN.HEADER 2X6 DRITTO P2	NANO-FIT 105310-2212	105310-2212	M: 538-105310-2212	MOLEX	THT	SERIE NANO-FIT
28	1	J9	Connettore filo scheda verticale P.2.mm 4 VIE VERTICALE PTH	292161-4	292161-4	M: 571-2921614	TE	292161-4	Connettore filo scheda verticale P.2.mm 4 VIE VERTICALE PTH
29	1	J10	CONN.HEADER 2X1 DRITTO P2	NANO-FIT 105311-1102	105311-1102	M: 538-105311-1102	MOLEX		SERIE NANO-FIT
30	1	J11	Connettore Recptable 2X10 SMD P.2.54	9-338069-0	9-338069-0 TE	D-A99427TR-ND	TYCO	SMD	
31	1	J12	CONN.HEADER 2X5 DRITTO P2	98414-G06-10LF	98414-G06-10LF	D-609-2580-ND	FCI	THT	PASSO 2MM
32	1	J13	CONN.HEADER 2X5 DRITTO P2	MICRO-FIT 43045-0827	43045-0827	M: 538-43045-0827	MOLEX	THT	SERIE MICRO-FIT

33	1	J14	CONN.HEADER 2X2 DRITTO P2	NANO-FIT 105312-1104	105312-1104	M: 538-105312-1104	MOLEX		SERIE NANO-FIT
34	1	J15	CONN.HEADER 2X3 DRITTO P2	NANO-FIT 105312-1106	105312-1106	M: 538-105312-1106	MOLEX		SERIE NANO-FIT
35	1	J16	ZIF 14 POS. p 0.5 mm, 0.5A	68711414522	68711414522	M: 710-68711414522	WURTH		
36	1	J17	Header boxed IDC dritto 2 X 3 P.2.54	61200621621	61200621621	F-2356251	WURTH	THT	
37	2	J18,J19	Connettore filo scheda verticale P.2.mm 2 VIE VERTICALE PTH	CT-2-VERT	2921612	M-571-2921612	TE	292161-2	Connettore filo scheda verticale P.2.mm 2 VIE VERTICALE PTH
38	1	L1	Filtro Modo Comune x CAN BUS	DLW32SH101XF2L	DLW32SH101XF2L	D-490-DLW32SH101XF2LTR-ND	MURATA	DLW32SH101XF2L	115mA
39	9	L2,L5,L6,L8,L9,L10,L11,L12,L13	Ferrite Bead	BLM18BD102	BLM18BD102SN1D	R-724-1318	MURATA	SMD0603	200mA, 1K@100MHz
40	2	L4,L7	Induttore 8.2uH	8.2uH	SRR4528A-8R2Y	R-1765964	BOURNS	5X5MM SMD	2A, 70moHm, ferrite
41	8	Q1,Q2,Q3,Q4,Q5,Q6,Q7,Q8	MOSFET CANALE N	2N7002L	2N7002L	M: 512-2N7002L	ON	SOT23	60V VDS, 115mA, Vth=1.8
42	12	R1,R2,R57,R83,R84,R87,R88,R93,R98,R103,R108,R111	Resistore thick film 1/8W 1% 0603	1K	VARI	MULTICOMP	VARI	SMD0603	
43	1	R3	Resistore thick film 1/8W 1% 0603	100K	VARI	MULTICOMP	VARI	SMD0603	
44	1	R4	Resistore thick film 1/8W 1% 0603	1K93	VARI	MULTICOMP	VARI	SMD0603	
45	1	R5	Resistore thick film 1/8W 1% 0603	33R	VARI	MULTICOMP	VARI	SMD0603	
46	5	R6,R91,R96,R101,R106	Resistore thick film 1/8W 1% 0603	120R	VARI	MULTICOMP	VARI	SMD0603	
47	15	R7,R8,R9,R92,R94,R95,R97,R99,R100,R102,R104,R105,R107,R109,R110	Resistore thick film 1/8W 1% 0603	470R	VARI	MULTICOMP	VARI	SMD0603	
48	2	R10,R14	Resistore thick film 1/10W 1% 0603	270R	VARI	MULTICOMP	VARI	SMD0603	
49	22	R11,R15,R16,R17,R18,R19,R21,R22,R23,R24,R25,R26,R31,R34,R38,R59,R62,R65,R67,R71,R78,R80	Resistore thick film 1/4W 1% 1206	100R	VARI	MULTICOMP	VARI	SMD1206	
50	2	R12,R13	Resistore thick film 1/4W 1% 1206	2K2	VARI	MULTICOMP	VARI	SMD1206	
51	9	R20,R32,R58,R64,R69,R70,R74,R75,R82	Resistore thick film 1/10W 1% 0603	4K7	VARI	MULTICOMP	VARI	SMD0603	
52	2	R27,R29	Resistore thick film 1/10W 1% 0603	200R	VARI	MULTICOMP	VARI	SMD0603	
53	8	R28,R33,R35,R37,R39,R41,R61,R128	Resistore thick film 1/10W 1% 0603	330R	VARI	MULTICOMP	VARI	SMD0603	
54	4	R30,R36,R40,R60	Resistore thick film 1/10W 1% 0603	1K	VARI	MULTICOMP	VARI	SMD0603	
55	2	R42,R43	Resistore thick film 1/8W 1% 0603	330	VARI	MULTICOMP	VARI	SMD0603	
56	2	R44,R45	Resistore thick film 1/8W 1% 0603	2k2	VARI	MULTICOMP	VARI	SMD0603	
57	2	R46,R129	Resistore thick film 1/10W 1% 0603	10K	VARI	MULTICOMP	VARI	SMD0603	
58	1	R47	Resistore thick film 1/8W 1% 0603	24K9	VARI	MULTICOMP	VARI	SMD0603	
59	2	R48,R49	Resistore thick film 1/4W 1% 1206	0R330	VARI	MULTICOMP	VARI	SMD1206	
60	1	R50	Resistore thick film 1/8W 1% 0603	15K	VARI	MULTICOMP	VARI	SMD0603	
61	2	R51,R113	Resistore thick film 1/8W 1% 0603	330R	VARI	MULTICOMP	VARI	SMD0603	
62	2	R52,R53	Resistore thick film 1/8W 1% 0603	0	VARI	MULTICOMP	VARI	SMD0603	
63	5	R54,R55,R56,R112,R126	Resistore thick film 1/8W 1% 0603	10K	VARI	MULTICOMP	VARI	SMD0603	
64	5	R66,R68,R72,R73,R81	Resistore thick film 1/4W 1% 1206	560R	VARI	MULTICOMP	VARI	SMD1206	
65	3	R76,R77,R79	Resistore thick film 1/10W 1% 0603	47R	VARI	MULTICOMP	VARI	SMD0603	
66	7	R85,R86,R89,R90,R121,R122,R123	Resistore thick film 1/8W 1% 0603	33K	VARI	MULTICOMP	VARI	SMD0603	

67	7	R114,R115,R116,R117,R118,R119,R120	Resistore thick film 1/8W 1% 0603	680R	VARI	MULTICOMP	VARI	SMD0603	
68	2	R124,R125	Resistore thick film 1/8W 1% 0603	20K	VARI	MULTICOMP	VARI	SMD0603	
69	1	R127	Resistore thick film 1/10W 1% 0603	33K	VARI	MULTICOMP	VARI	SMD0603	
70	6	TVS1,TVS2,TVS3,TVS4,TVS5,TVS6	Esd monodirezionale	PESD5V0C1ULS-QYL	PESD5V0C1ULS-QYL	M-771-PESD5V0C1ULS-QYL	NEXPERIA	SOD882BD	5V Nominal
71	1	U1	Dual Rail to Rail 5VDC General Purpose	MCP6002T-I/MS	MCP6002T-I/MS	M: 579-MCP6002T-I/MS	MICROCHIP	MSOP-8	1.8 to 5VDC, GB=1MHz
72	1	U2	CAN TRANSCEIVER	TJA1050T	TJA1050T	M-771-TJA1050T/CM,118	NXP	SOIC-8	5V
73	23	U3,U4,U5,U6,U7,U8,U9,U10,U11,U13,U14,U15,U18,U19,U20,U23,U24,U29,U30,U31,U32,U33,U37	Optoisolatore singolo	TCMT1103	TCMT1103	F-1328388	VISHAY	HALF PITCH MINI-FLAT	
74	3	U12,U16,U17	SINGLE BUFFER WITH TRIGGER	74LVC1G17GV	74LVC1G17GV125	F-2444929	TI	SC-74A-5	Schmitt-trigger
75	1	U21	BUFFER LINE DRIVER	PCA9600D	PCA9600D112	M: 771-PCA9600D112	NXP	SOIC-8	
76	1	U22	CIRCUITO INTEGRATO	A3984SLPTR-T	A3984SLPTR-T	M: 250-A3984SLPTR-T	ALLEGRO	TSSOP-24	
77	1	U25	DC/DC 9V 1A	P78E09-1000	P78E09-1000	M: 490-P78E09-1000	TRACO POWER	THT	MAX 36V INPUT
78	1	U26	Linear Regulator 3V3@500mA	UA78M33CKVURG3	UA78M33CKVURG3	M: 595-UA78M33CKVURG3	TI	TO-252-3	MAX 36V INPUT
79	1	U27	Linear Regulator 5V@1A	MC7805BD2TR4G	MC7805BD2TR4G	M: 863-MC7805BD2TR4G	ON	DPAK	MAX 36V INPUT
80	1	U28	DC/DC 5V 1A	TSR 1-2450E	TSR 1-2450E	M: 495-TSR1-2450E	TRACO POWER	THT	MAX 36V INPUT
81	1	U34	Rele' stato solido 60Vdc 0.1A	CPC1017N	CPC1017N	M-849-CPC1017N	CLARE	4-PIN SOP	
82	1	U35	Regolatore Variabile	LM317D2T-TR	LM317D2T-TR	F-1564300	TI	D2PAK	Vo=37V, Io=1.5A, Vin=4.2-40V
83	1	U36	32bit ARM 4F 1MB Flash, 256K Ram, 2xCAN-FD	SAME51J20A-A	SAME51J20A-A	M: 556-ATSAME51J20A-AF	MICROCHIP	TQFP	1.7 to 3.6V
84	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	-