

Pos.	Qtà	Rif	Descrizione	Value	PN Costruttore	PN Fornitore	Costruttore	Package	Note
1	4	C1,C2,C3,C4	MLCC - SMD/SMT 100V 0.033uF X7R 0603 10%	33nF	C0603C333K1RACTU	MULTICOMP	KEMET	SMD0603	100V
2	7	C5,C6,C7,C8,C9,C10,C14	MLCC - SMD/SMT 50V 0.1uF X7R 0603 10%	100nF	C0603C104K5RACTU	M:80-C0603C104K5R	KEMET	SMD0603	50V, X7R
3	2	C11,C12	Cond.Elt.Tantalio 35V SIZE C	4u7	T491C475K035AT	R- 538-2537	KEMET	TNT SIZE C	35V
4	1	C13	MLCC - SMD/SMT 50V 2u2F X7R1 21010%	2u2F	C1210C225K5RACTU	R-691-1246	KEMET	SMD1210	50V, X7R
5	10	C23,C24,C25,C26,C27,C28,C29,C30,C31,C32	MLCC - SMD/SMT 50V 0.1uF X7R 0603 10%	100nF	C0603C104K5RACTU	M:80-C0603C104K5R	KEMET	SMD0603	MLCC, X7R, 50V 0603
6	2	DL2,DL3	Diodo led smd 0805 GIALLO	GIALLO	KP-2012YD	F-2449812	KINGBRIGHT	SMD0805	
7	1	DL4	Diodo led smd 0805 VERDE	VERDE	KP-2012SGD	F-2449804	KINGBRIGHT	SMD0805	
8	16	D1,D2,D3,D4,D5,D6,D7,D8,D9,D10,D11,D12,D13,D14,D15,D16	Fast-speed switching diodes	1N4148WT	1N4148WT	F-2453270	ON	SOD523F	300mA
9	1	FR1	Ripristinabile, 0.5A, Ttr=1s, Itr=1A	500mA	SMD050F-2.	M-650-SMD050F-2	LittleFuse	SMD050F-2.	
10	6	F1,F2,F3,F4,F5,F6		FORO_HEART					
11	1	J1	Connettore Recptable 2X10 SMD P.2.54	9-338069-0	9-338069-0 TE	D-A99427TR-ND	TYCO	SMD	
12	1	J2	CONN.HEADER 2X1 DRITTO P2	NANO-FIT 105311-1102	105311-1102	M: 538-105311-1102	MOLEX		SERIE NANO-FIT
13	1	J3	CONN.HEADER 2X5 DRITTO P2	NANO-FIT 105310-2108	105310-2108	M: 538-105310-2108	MOLEX	THT	SERIE NANO-FIT
14	1	J4	CONN.HEADER 2X5 DRITTO P2	98414-G06-10LF	98414-G06-10LF	D-609-2580-ND	FCI	THT	PASSO 2MM
15	1	J5	CONN.HEADER 2X5 DRITTO P2	NANO-FIT 105310-1114	105310-1114	M: 538-105310-1114	MOLEX	THT	SERIE NANO-FIT
16	1	J6	CONN.HEADER 2X6 DRITTO P2	NANO-FIT 105310-2212	105310-2212	M: 538-105310-2212	MOLEX	THT	SERIE NANO-FIT
17	1	J7	CONN.HEADER 2X3 DRITTO P2	NANO-FIT 105312-1106	105312-1106	M: 538-105312-1106	MOLEX		SERIE NANO-FIT
18	2	J8,J11	CONN.HEADER 2X2 DRITTO P2	NANO-FIT 105312-1104	105312-1104	M: 538-105312-1104	MOLEX		SERIE NANO-FIT
19	1	J9	CONN.HEADER 2X5 DRITTO P2	MICRO-FIT 43045-0827	43045-0827	M: 538-43045-0827	MOLEX	THT	SERIE MICRO-FIT
20	2	J10,J12	CONN.HEADER 2X5 DRITTO P2	NANO-FIT 105310-2210	105310-2210	M: 538-105310-2210	MOLEX	THT	SERIE NANO-FIT
21	1	L1	Induttore 8.2uH	8.2uH	SRR4528A-8R2Y	R-1765964	BOURNS	5X5MM SMD	2A, 70moHm, ferrite
22	9	L2,L3,L6,L7,L8,L9,L10,L11,L12	Ferrite Bead	BLM18BD102	BLM18BD102SN1D	R-724-1318	MURATA	SMD0603	200mA, 1K@100MHz
23	3	R1,R5,R59	Resistore thick film 1/10W 1% 0603	270R	VARI	MULTICOMP	VARI	SMD0603	
24	23	R2,R6,R7,R8,R9,R10,R12,R13,R14,R15,R16,R17,R21,R26,R31,R35,R37,R41,R46,R48,R53,R54,R62	Resistore thick film 1/4W 1% 1206	100R	VARI	MULTICOMP	VARI	SMD1206	
25	2	R3,R4	Resistore thick film 1/4W 1% 1206	2K2	VARI	MULTICOMP	VARI	SMD1206	
26	11	R11,R22,R29,R34,R39,R40,R44,R45,R50,R51,R57	Resistore thick film 1/10W 1% 0603	4K7	VARI	MULTICOMP	VARI	SMD0603	
27	7	R18,R25,R27,R30,R32,R52,R58	Resistore thick film 1/10W 1% 0603	330R	VARI	MULTICOMP	VARI	SMD0603	
28	2	R19,R64	Resistore thick film 1/10W 1% 0603	200R	VARI	MULTICOMP	VARI	SMD0603	
29	7	R20,R28,R33,R55,R56,R60,R61	Resistore thick film 1/10W 1% 0603	1K	VARI	MULTICOMP	VARI	SMD0603	
30	5	R36,R38,R42,R43,R47	Resistore thick film 1/4W 1% 1206	560R	VARI	MULTICOMP	VARI	SMD1206	
31	1	R49	Resistore thick film 1/10W 1% 0603	68R	VARI	MULTICOMP	VARI	SMD0603	

Pos.	Qtà	Rif	Descrizione	Value	PN Costruttore	PN Fornitore	Costruttore	Package	Note
32	1	R63	Resistore thick film 1/10W 1% 0603	2K2	VARI	MULTICOMP	VARI	SMD0603	
33	7	TVS1,TVS2,TVS3,TVS5,TVS6,TVS12,TVS13	Esd monodirezionale	SMBJ30A	SMBJ30A-E3/52	F-9551042	VISHAY	SMB	30V Nominal
34	6	TVS4,TVS7,TVS8,TVS9,TVS10,TVS11	Esd monodirezionale	SMBJ5A	SMBJ5.0A	F-2691610	VARI	SMB	5V Nominal
35	23	U1,U2,U3,U4,U5,U6,U7,U8,U9,U11,U12,U13,U16,U17,U18,U19,U20,U21,U22,U25,U27,U28,U30	Optoisolatore singolo	TCMT1103	TCMT1103	F-1328388	VISHAY	HALF PITCH MINI-FLAT	
36	5	U10,U14,U15,U26,U29	SINGLE BUFFER WITH TRIGGER	74LVC1G17GV	74LVC1G17GV125	F-2444929	TI	SC-74A-5	Schmitt-trigger
37	1	U23	Rele' stato solido 60Vdc 0.1A	CPC1017N	CPC1017N	M-849-CPC1017N	CLARE	4-PIN SOP	
38	1	U24	Regolatore Variabile	LM317D2T-TR	LM317D2T-TR	F-1564300	TI	D2PAK	Vo=37V, Io=1.5A, Vin=4.2-40V
39	1	U31	DC/DC 5V 500mA	TSR 0.5-2450	TSR 0.5-2450	R-817-9400	TRACO POWER	THT	MAX 36V INPUT