



PROJECT NAME: STR750-MAP

BILL OF MATERIALS

Item	Quantity	Reference	Part / Value	Voltage / Watt	Foot-Print	Manufacturer
1	1	CN1	USB_miniB			Molex
2	15	C1,C2,C11,C13,C19,C22, C23,C24,C25,C26,C27,C30, C38,C47,C37	100n		sm/c_0805	any
3	3	C3,C5,C6	22p		sm/c_0805	any
4	10	C7,C14,C16,C17,C20,C51, C53,C55,C56,C18	10n		sm/c_0805	any
5	1	C8	33n		sm/c_0805	any
6	7	C10,C36,C50,C52,C54,C57,C4	10u	16V-tantalio		AVX
7	5	C12,C15,C41,C43,C45	1u	35V-tantalio		AVX
9	1	C21	4n7		sm/c_0805	any
10	3	C35,C39,C40	1n		sm/c_0805	any
12	2	C42,C44	47u	25V-tantalio		AVX
14	1	C46	3n3		sm/c_0805	any
15	2	C48,C49	220u	16V-tantalio		AVX
16	3	D1,D2,D3	LED	SMD-colore blue	sm/d_1206_21	Avago
17	3	D4,D5,D6	LED	SMD-colore verde	sm/d_1206_21	Avago
18	4	D10, D11,D12, D7	LED	SMD-colore rosso	sm/d_1206_21	Avago
19	2	D14,D16	LED	SMD- colore giallo	sm/d_1206_21	Avago
20	1	D13	diode			Philips
21	4	R1,R2,R14,R49	4k7		sm/r_1206	any
22	7	R3,R4,R5,R6,R7,R8,R70	330		sm/r_1206	any
23	12	R9,R13,R17,R19,R21,R23,R31,R5 7,R58,R60,R62,R64	1k		sm/r_1206	any
24	2	R10,R12	100k		sm/r_1206	any
25	1	R11	100		sm/r_1206	any
	1	R30	10k	passo 2.54	THR	Bourns
26	13	R15,R24,R25,R26,R27,R28,R29,R 32,R33,R34,R35,R37,R40	10k		sm/r_1206	any
27	2	R16,R39	1M		sm/r_1206	any
28	3	R18,R50,R45	0		sm/r_1206	any
29	2	R36,R69	300		sm/r_1206	any
30	1	R38	120		sm/r_1206	any
31	2	R41,R42	22		sm/r_1206	any
32	1	R43	36k		sm/r_1206	any
33	1	R44	1k5		sm/r_1206	any
34	1	R51	10		sm/r_1206	any



PROJECT NAME: STR750-MAP

BILL OF MATERIALS

Item	Quantity	Reference	Part / Value	Voltage / Watt	Foot-Print	Manufacturer
35	1	R52	trimmer-20k	passo 2.54	THR	Bourns
36	2	R56,R67	3k3		sm/r_1206	any
37	2	R59,R65	470		sm/r_1206	any
38	1	R61	5M2		sm/r_1206	any
39	1	R63	3M3		sm/r_1206	any
40	1	R66	24k		sm/r_1206	any
41	1	R68	200k		sm/r_1206	any
42	1	J7	JTAG connector		THR	Tyco
43	1	J11	MC connector		THR	Tyco
44	2	P1(CAN), P2(UART)	DB9-male connector		THR	any
45	2	L2,L3	10u	180mA	sm/l_1210	Epcos
46	1	L1	10u	1,4A		Würth
47	4	JE1,JE2,JE3,JE4	strip-line maschio 26-pin (2x13)	passo 2.54	THR	any
48	19	JP1,JP2,JP3,JP4,JP5,JP6,JP8,JP10,JP11,JP12,JP13,JP14,JP15,JP16,JP17,JP18,JP19,J6,J13	strip-line maschio 2-pin	passo 2.54	THR	any
49	2	J1,J12	connettore maschio 2-pin		THR	Tyco (AMP)
50	1	JP7	connettore maschio 4-pin		THR	Tyco (AMP)
51	1	JP9	strip-line maschio 8-pin (2x4)	passo 2.54	THR	any
52	4	J2,J3,J4,J5	strip-line maschio 1-pin		THR	any
53	2	J8,J9	strip-line femmina 6-pin	passo 2.54	THR	any
54	1	J14	presa alimentazione DC		THR	
55	1	Y1	quarzo a 32.768kHz			
56	1	Y2	quarzo a 4MHz			Fox Electronics
57	1	Y3	quarzo a 48MHz			Epson
58	9	SW1,SW2,S1,S2,S5,S6,S7,S8,S9	strip-line maschio 3-pin	passo 2.54	THR	any
59	4	SW3,SW5,S3,S4	push button		THR	APEM Comp.
60	1	U12	strip-line femmina 20-pin	passo 2.54	THR	any
61						
62	1	U1	STR750FV2T6		LQFP100 (14x14mm)	ST
63	1	U4	L9616D		SO-8	ST
64	1	U5	STLM20DD9F		UDFN 4	ST
65	1	U6	STM1061N27WX6F		SOT23-3	ST
66	1	U7	L6924D		VFQFPN16	ST



PROJECT NAME: STR750-MAP

BILL OF MATERIALS

Item	Quantity	Reference	Part / Value	Voltage / Watt	Foot-Print	Manufacturer
67	1	IC1	STM1001TWX6F		SOT23-3	ST
68	1	IC2	USBLC6-2P6		SOT-666	ST
69	1	IC3	ST202ECD		SOP-16	ST
70	1	U9	L6920D		TSSOP8	ST
71	1	U8	STS10PF30L		SO-8	ST
72	1	U10	L7805ABD2T-TR		D2PAK	ST
73	1	U11	LD1085D2M33R		D2PAK/A	ST
74	1	U13	LIS3LV02DQ		QFPN-28	ST
75						
76	1	Q1	BC846AL (MMBT2222A)			
77						
78	25	jumper femmina per strip-line				
79	4	supporti in nylon isolati 12mm (per LCD)	Fissaggio del display U12a tramite supporti da 12mm e viti isolate	Fissaggio del display U12a tramite supporti da 12mm e viti isolate	Fissaggio del display U12a tramite supporti da 12mm e viti isolate	
80	4	supporti in nylon 20mm (per board)				
81	1	U 12a	DISPLAY LCD	PIXEL 128X64	THR	Electronic Assembly
82	1	U12b	Jump Maschi -20pin		THR	any
83						
84						
85						
86						
87						
88						
89						
90						