



PROJECT NAME: STEVAL-IHM017V1

BILL OF MATERIALS

oo	Quantity	Reference	Part / Value	Voltage / Watt	Foot-Print	Manufacturer	Manufacturer Code	RS Code
1	1	CON2	CON2	2pin	TRH-pitch 2.54mm	Phoenix Contact	1725656	2204260
2	1	C1	220uF/450V	diam.30mm	TRH-pitch 10mm	any	any	
3	1	C2	2.2uF/50V	elettrolitic	TRH-pitch 2.54mm	any		
4	1	C3	10uF/50V	elettrolitic	TRH-pitch 3.5mm	any		
5	1	C4	22nF/50V	multistrate	TRH-pitch 2.54mm	any		
6	1	C5	100uF/25V	elettrolitic	TRH-pitch 3.5mm	any		
7	1	C6	1uF/50V	multistrate	TRH-pitch 2.54mm	any		
8	3	C7,C11,C12	2.2uF/16v	16v	SMD-0805	any		
9	1	C8	22nF/400V	MKP/400V	TRH-pitch 15.24mm	any		
10	1	C9	100nF/50V	multistrate	TRH-pitch 2.54mm	any		
11	1	C10	0.22uF/275V/X2	275vac-X2	TRH-pitch 15.24mm	any		
12	6	C13,C14,C15,C16,C19,C20	100pF	50V	SMD-1206	any		
13	4	C17,C22,C39,C48	1nF	50V	SMD-1206	any		
14	1	C18	N.M.	NOT ASSY	NOT ASSY	NOT ASSY		
15	4	C23,C24,C25,C34	470nF	470nF	SMD-1206	any		
16	3	C28,C40,C42	100nF	50V	SMD-1206			
17	4	C30,C49,C51,C52	10nF	50V	SMD-1206			
18	1	C36	N.M	NOT ASSY	NOT ASSY			
19	3	C37,C38,C41	N.M	NOT ASSY	NOT ASSY			
20	1	C50	1uF	50V	SMD-1206			
21	1	D1	1N4148		TRH-Verticale			
22	4	D2,D18,D19,D20	STTH1L06		TRH-Verticale	ST	STTH1L06	
23	1	D3	BZX84C15		TRH-Verticale			
24	1	D5	BZX85C5V1		TRH-Verticale			
25	1	D6	BZX85C16		TRH-Verticale			
26	1	D7	STTH108		TRH-Verticale	ST	STTH108	
27	2	D12,D13	LED		SMD-1206			
28	1	D21	BRIDGE_2KPB**		TRH			
29	6	D22,D23,D24,D25,D26,D27	STTH1L06A		SMD-1406	ST	STTH1L06A	
30	1	J8	female connector 3 inputs.	250Vac	pitch-5mm	any	any	
31		J9	female connector 2 inputs.	250Vac	pitch-5mm	any	any	
35	1	F1	FUSE 3A-verticalecon fusibile		TRH			384-077
36	1	IC1	VIPer12AS-E			ST	VIPer12AS-E	
37	1	IC2	L78L05ACZ			ST	L78L05ACZ	
38	3	IC3,IC4,IC5	L6386D			ST	L6386D	
39	1	IC6	ST7FMC2S4T6			ST	o	



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40	1	J7	ICC connector : HE10 male type		TRH-	TYCO	609-1027	461-742
41	1	L1	1mH/350mA		TRH-PICTH 5.0mm	PANASONIC	ELC08D102E	233-5291
42	6	Q1,Q2,Q3,Q4,Q5,Q6	BC807-25		SOT23	any	any	any
43	6	Q7,Q8,Q9,Q10,Q11,Q12	STD5NK52ZD-1			ST	STD5NK52ZD-1	
	7	R1,R6,R8,R11,R30,R33,R60	100R	1/4W	SMD-1206	any		
46	1	R2	680K	1/4W	TRH	any		
47	1	R3	330K	1/4W	TRH	any		
	1	R4	12K	1/4W	TRH	any		
48	1	R23	12K	1/4W	SMD-1206	any		
49	6	R5,R7,R9,R14,R32,R34	220R	1/4W	SMD-1206	any		
50	1	R10	0.1R-3W	3W	TRH	IRC	LOB3	Distrelec 71-05-20
51	6	R12,R13,R15,R16,R17,R18	82K	1/4W	TRH	any		
54	1	R19	1K	1/4W	SMD-1206	any		
55	6	R20,R22,R35,R47,R26,R36	N.M.	NOT ASSY	NOT ASSY	NOT ASSY		
56	3	R21,R31,R37	22R	1/4W	SMD-1206	any		
57	2	R24,R25	100K-1/2W	1/2W	TRH	any		
58	2	R38,R40	100K	1/4W	SMD-1206	any		
59	4	R39,R41,R42,R59	10K	1/4W	SMD-1206	any		
60	1	R43	N.M.	NOT ASSY	NOT ASSY	NOT ASSY		
61	2	R44,R45	2.7K	1/4W	SMD-1206	any		
62	1	R46	1.5K	1/4W	SMD-1206	any		
63	1	R51	56K	1/4W	SMD-1206	any		
64	2	R52,R54	47K	1/4W	SMD-1206	any		
65	1	R53	N.M.	NOT ASSY	NOT ASSY	NOT ASSY		
66	1	R55	N.M.	NOT ASSY	NOT ASSY	NOT ASSY		
67	1	R56	33K	1/4W	SMD-1206	any		
	3	R64,R65,R66	1.2K	1/4W	TRH	any		
68	3	R61,R62,R63	50K code RS 100-1199 12,64 x 10 e distrelec 50k cod 740218 0.82x 10	trimmer SMD				
69	1	S2	SW PUSH	smd	smd	any		183-701
70	1	TR1	N.M.					
71	1	X1	CSTCE16MOV53-RO	resonator 16Mhz	TRH-3pin	Murata		
72	1	15-5A	NTC	15ohm-5A	TRH	any	any	any
73	4	Nylon spacers	10mm	any	any	any	any	