

STEVAL-IHI001V1

Bill of material

Item	Qty	Reference	Part	Manufacturer
1	1	BZ1	Buzzer KPE242	
2	1	C1	10 μ F 35 V SMD	EPCOS
3	1	C5	10 μ F 10 V SMD	EPCOS
4	1	C2	220 pF 0805 SMD	
5	1	C3	22 nF 0805 SMD	
6	1	C4	100 μ F 16 V SMD	EPCOS
7	2	C6, C7	100 nF 0805 SMD	
8	1	C8	10 nF 0805 SMD	
9	32	DL1-DL32	L-LTL4231N	
10	3	DY1, DY2, DY3	HD-A552RD common anode	
11	5	D1, D2, D3, D4, D5	1N4148 DO-35	
12	1	D6	1N4007 DO-41	
13	1	D7	STPS340U	STMicroelectronics
14	1	J1	K375A connector	
15	2	J2, J5	MLW10G 10 pin connector	
16	1	J3	BL815G 15 pin connector	
17	1	J4	BL810G 10 pin connector	
18	1	L1	DO3316P-333MLB 33 μ H	Coilcraft
19	10	P1-P10	P-B1720C push-button	
20	1	Q1	BC337 TO-92	
21	3	R1, R10, R11	4K7 0805 SMD	
22	2	R3, R9	4K7 1206 SMD	
23	1	R2	15 k Ω 1206 SMD	
24	1	R4	390 1206 SMD	
25	3	R5, R6, R8	10 k Ω 1206 SMD	
26	4	R12, R13, R14, R15	10 k Ω 0805 SMD	
27	1	TR1	SMAJ33A-TR Transil™	STMicroelectronics
28	1	U2	ST7FLI49MK1T6	STMicroelectronics
29	1	U3	STLED316SMTR	STMicroelectronics
30	1	U4	L5970D	STMicroelectronics

