Document reference:	PCB reference:
	EVAL6470H-DISC
Company: www.st.com	
STMicroelectronics	

Index	Quantity	Reference	Value / Generic Part Number	Package	Manufacturer	Manufacturer's ordering code / Orderable Part Number	Supplier	Supplier's ordering code
1	2	C1 C16	CAP CER 10µF 10V X7R 0805	0805				
2	1	C2	CAP CER 1µF 10V X7R 0805	0805				
3	14	C3 C4 C10-C13 C17-C19 C21 C22 C25-C27	CAP CER 100nF 50V X7R 0603	0603				
4	1	C5	CAP CER 3.3nF 50V X7R 0603	0603				
5	1	C6	CAP CER 220NF 35V X7R 0603	0603				
6	1	C7	CAP CER 4.7nF 50V X7R 0603	0603				
7	4	C8 C15 C20 C28	CAP CER 10nF 50V X7R 0603	0603				
8	1	C9	CAP TANT 47UF 6V3 10% PACK-A					
9	1	C14	CAP ELEC 100uF 63V					
10	2	C23 C24	CAP CER 20pF 50V COG 0603					
11	1	D1	ZENER REGULATOR					
12	1	D2	Double Diode High Speed Switching Diode	SOT23		BAV99		
13	1	D3	LED RED - 0805	0805				
14	1	D4	LED GREEN - 0805	0805				
15	1	D5	LED YELLOW - 0805	0805				
16	1	D6	LED ORANGE - 0805	0805				
17	4	FIX1-FIX4	HOLE					
18	3	J1-J3	Screw connector 2 poles MKDSN 1.5/2-5.08	MORSV-508-2P				
19	1	J4	JTAG CON-FLAT-10X2-180M					
20	1	J5	USB_B_MINI_AMP_1734035-1					
21	2	J6 J7	JUMP254P-M-2					
22	3	MIRE1-MIRE3	OPTICAL_TARGET					
23	1	R1	TRIMMER 200K					
24	1	R2	27K OHM 5% 1/10W					
25	1	R3	RES 7.5K OHM 5% 1/10W 0603 SMD	0603				
26	2	R4 R13	RES 1M OHM 1/10W 5% 0603 SMD	0603				
27	1	R5	RES 1.5K OHM 1/10W 5% 0603 SMD	0603				
28	10	R6 R8-R11 R14 R19 R30-R32	RES 10K OHM 5% 1/10W 0603 SMD	0603				
29	2	R7 R12	RES 100 OHM 5% 1/10W					
30	4	R15-R18	RES 470 OHM 5% 1/10W 0603	0603				
31	2	R20 R33	RES 1K OHM 5% 1/10W 0603 SMD	0603				
32	4	R21-R23 R34	RES NP 0603	0603				
33	4	R24-R27	RES 4.7K OHM 5% 1/10W 0603 SMD	0603				
34	1	R28	RES 100K OHM 5% 1/10W 0603 SMD	0603				
35	1	R29	RES NP 0805	0805				
36	3	S1-S3	SWITCH BUTTON SMD					
37	6	TP1 TP2 TP4-TP7	TEST POINT RED	TPTH				
38	1	TP3	TEST POINT BLACK	TPTH				
39	1	U1	IC REG 1300MA LN 3.3V	SO8	STMICROELECTRONICS	LD1117D33TR		
40	1	U2	USBLC6-2P6 - DIODE NETWORK TVS USB2	SOT-666	STMICROELECTRONICS	USBLC6-2P6		
41	1	U3	DSPIN MICROSTEPPING MOTOR DRIVER	HTSSOP28	STMICROELECTRONICS	L6470H		
42	1	U4	STM32 MCU, RISC, 72 MHz, 3.6V, 32-BIT, 64-PIN, LQFP	LQFP64	STMICROELECTRONICS	STM32F105RBT6		
43	1	Y1	XTAL 8MHz-30PPM-20pF					