

Bill of Material for STEVAL-CBL005V1

Document reference:	PCB reference: STEVAL-CBL005V1
Company: STMicroelectronics	

Index	Quantity	Reference	Value / Generic Part Number	Package	Manufacturer	Manufacturer's ordering code / Orderable Part Number	Supplier	Supplier's ordering code
1	1	R1	100Ω	805				
2	1	R2	11KΩ	805				
3	1	R3	10KΩ	805				
4	1	R4	15Ω	1206				
5	1	C12	10nF	1206				
6	2	C2, C7	0.1μF	1206				
7	3	C8, C10, C11	0.22μF	1206				
8	2	C4, C6	0.47μF	1206				
9	1	C9	10μf 35v	EI.AI. Radial				
10	3	C1, C3, C5	100μf 35v ESR=150mΩ+350mΩ	EI.AI. Radial				
11	1	L1	22μH	Radial	Panasonic	ELC08D220E	RS-COMPONENT	233-5140
12	1	L3	270μH	Radial	Panasonic	ELC08D221E	RS-COMPONENT	233-5235
13	1	L2	Ferrite Bead	AXIAL-0.4	Panasonic	EXCEL A35	RS-COMPONENT	226-8185
14	1	D1	STPS2L30A	SMB	STMicroelectronics			
15	2	D2, D4	BAT-43	DO-35	STMicroelectronics			
16	1	D3	1N4004	DIODE-0.4	Vishay	1N4004-E3	RS-COMPONENT	628-9029
17	1	TVS	LNBTVS4-220	SMB	STMicroelectronics			
18	1	QFN32 L	LNBH23	QFN32	STMicroelectronics			
19	2	CN1, CN3	Strip 4p M	HDR1X4				
20	1	CN2	Strip 5p M	HDR1X5				
21	1	CN4	Strip 2p M	HDR1X2				
22	1	CN5	Strip 3p M	HDR1X3				