

## Bill of Material for STEVAL-TLL007V1 (mother board)

Index	Quantity	Reference	Value / Generic Part Number	Package	Manufacturer	Manufacturer's ordering code / Orderable Part Number	Supplier	Supplier's ordering code
Cap Pol1	3	603	C2, C18, C19	Capacitor TDK C1608X5R0J106M				
Cap	2	603	C12, C13	Standard ceramic capacitor 0603 22pF				
CONNECTOR USB	1	USB-B	P1	Standard USB-B through hole connector				
Header 2	2	HDR1X2	5V--P5V, PVCC	Header, 2-Pin				
Header 2	1	HDR1X2	VCCOUT	Precision socket 2-Pin FISCHER ELEKTRONIK				
Header 3X2	1	prog conn	JP1	Header, 3-Pin, Dual row				
Header 7	1	HDR1X7	JP2	Precision socket 7-Pin FISCHER ELEKTRONIK BL5.36Z				
KF30BD	1	SO8	U5	STMicroelectronics Very Low Drop Voltage Regulator with Inhibit				
KF33BD	1	SO8	U1	STMicroelectronics Very Low Drop Voltage Regulator with Inhibit				
LED	1	LED0805	D1	ROHM SML-210VT				
Res2	1	603	R1	Standard SMD resistor 0603 470R				
Res2	4	603	R2, R3, R4, R5	Standard SMD resistor 0603 10k				
Res2	1	603	R6	Standard SMD resistor 0603 2k				
Res2	2	603	R9, R10	Standard SMD resistor 0603 22R				
Res2	3	603	R11, R12, R17	Standard SMD resistor 0603 4K7				
SW-DPST	2	BT04	S2, S3	Double-Pole, Single-Throw Switch - standard through hole PCB button				
SW-SPDT	1	HDR1X3	EXT	Header, 3-Pin				
uPSD3433E-40T6	1	QFP10x10-G52/N	U3	STMicroelectronics uPSD3433EV-40T6				
USB6B1	1	SO8	U4	USB6B1 USB filter				
XTAL	1	XTAL 5mm	XT2	standard crystal 5mm pitch 24MHz through hole				

## BOM-STEVAL-TLL007V1 (daughter board)

Index	Quantity	Reference	Value / Generic Part Number	Package	Manufacturer	Manufacturer's ordering code / Orderable Part Number	Supplier	Supplier's ordering code
Cap Semi	2	C0603	Capacitor TDK C1608X5R0J106M	CIN1, CIN2				
Cap Semi	1	C0603	Capacitor TDK C1608X5R0J475M	COUT				
D Schottky	1	STPS1L20M	STMicroelectronics Schottky Diode STPS1L20M	D1				
Header 2	2	HDR1X2	Header, 2-Pin	PVBAT, TMASK				
Header 7	1	HDR1X7	Header, 7-Pin	JP1				
LED3	1	LUXEON DS49	LUXEON LXCL-PWF1	DS1				
LED3	1	SMD_LED	ROHM SML-210VT	DS2				
resistor	1	805	MURATA NCP21WF104J03RA	RNTC				
resistor	1	C0603	TYCO ELECTRONICS RL73K1JR15JTD	RFL				
resistor	1	C0805	TYCO ELECTRONICS CRG0805F1R0	RTR				
resistor	1	R0402	TYCO ELECTRONICS MCR01MZPJ15K	Rx				
Header 1	1	PIN1	Header, 1-Pin	NTC				
STCF06	1	BGA25x5	STMicroelectronics STCF06TBR	IO1				
VLF4014A	1	VLF4014A	Inductor TDK VLF4014AT-1R5M1R8-1	L1				