

**STEVAL-ILL026V1****Bill of material**

Type	Name	Value	Rated	Description
C	C1	22 $\mu$ F	50 V	Electrolytic
C	C3	2.2 $\mu$ F	450 V	Electrolytic
C	C4	470 nF	50 V	Ceramic
C	C5	22 $\mu$ F	50 V	Electrolytic
C	C6	470 nF	50 V	Ceramic
C	C7	470 nF	400 VDC	Polyester EPCOS B32561J6474K
C	C8	Do not fit	Do not fit	Do not fit
D	D1	39 V		Zener diode
D	D2	STTH1R06A	600 V	STMicroelectronics
D	D3	Bridge	600 V 500 mA	Rectifier bridge
D	D4	STTH1R06A	600 V	STMicroelectronics
L	L1	1 mH		EPCOS B7818S1105J000
L	L2	1 mH		Coilcraft MSS1260-105KLB
Q	Q1	BC557B		PNP transistor
Q	Q2	BC547B		NPN transistor
R	R1	4.7 k $\Omega$		SMD resistor 0805
R	R2	4.7 k $\Omega$		SMD resistor 0805
R	R3	10 k $\Omega$		SMD resistor 0805
R	R4	10 k $\Omega$		SMD resistor 0805
R	R5	1.3 $\Omega$		SMD resistor 1206
R	R6	6.8 k $\Omega$		SMD resistor 0805
R	R7	10 $\Omega$	1/2 W	Through hole resistor
U	IC1	VIPER22A-E		STMicroelectronics