

STEVAL-IPT007V1**Bill of material**

Component	Value	Type	Manufacturer	Note
U1		ST8034HCQR	STMicroelectronics®	QFN24 4 x 4 x 0.8 mm package
SC1		7434L0825S01LF	FCI	
J1		ARK210/2EX	Xinya	
J2		ARK210/2EX	Xinya	
J3		T821116A1R100CEU	Amphenol	
S1		SSSS820201	ALPS	
S2		SSSS820501	ALPS	
S3		SSSS820501	ALPS	
X1	10 MHz	Q 10.0-SMU4-30-30	Jauch	
R1	18 k Ω	0805		
R2	82 k Ω	0805		
R3	100 k Ω	0805		
R4	100 k Ω	0805		
R5	100 k Ω	0805		
R6	100 k Ω	0805		
R7	100 k Ω	0805		
R8	100 k Ω	0805		
C1	100 nF	0805		
C2	100 nF	0805		
C3	100 nF	0805		
C4	100 nF	0805		
C5	10 μ F	0805		
C6	220 nF	0805		
C7	10 pF	0805		
C8	10 pF	0805		
Cable connectors	2 x 8 pins / 16-lead	T812116A101CEU	Amphenol	
Cable	16-lead	1-57040-6	TE Connectivity	