

STEVAL-IPT005V1**Bill of material**

Component	Value	Type	Manufacturer	Note
U1	Smartcard interface device	ST8034PQR	STMicroelectronics®	QFN16 3 x 3 x 0.8 mm package
SC1	Smartcard connector	7434L0825S01LF	FCI	
J1	Power supply terminal	ARK210/2EX	Xinya	
J2	Power supply terminal	ARK210/2EX	Xinya	
J3	Header connector	T821116A1R100CEU	Amphenol	
S2	V _{CC} selection switch	SSSS820501	ALPS	
R1	18 kΩ	0805		
R2	82 kΩ	0805		
R3	100 kΩ	0805		
R4	100 kΩ	0805		
C1	100 nF	0805		
C2	100 nF	0805		
C3	100 nF	0805		
C4	100 nF	0805		
C5	10 μF	0805		
C6	220 nF	0805		
Cable connectors	2 x 8 pin / 16-lead	T812116A101CEU	Amphenol	
Cable	16-lead	1-57040-6	TE Connectivity	