

PROJECT NAME:

STEVAL-IPT004V1

BILL OF MATERIALS

Item	Quantity	Reference	Part / Value	Tolerance %	Voltage Current	WATT	TECNOLOGY information	PACKAGE	Manufacturer	Manufacturer Code	RS/Distelec/Other Code Vendor
1	1	U1	ST8034HN						ST	ST8034HN	
2	2	C7, C8	10p/J/50V/NPO/0805	2%	50		LOW ESR		AVX	08052U100GAT2A	R.S.698-4033
3	1	C5	10u/M/16V/X7R/0805	20%	16		X7R	0805			
4	4	C1, C2, C3, C4	100n/K/50V/X7R/0805	10%	50		X7R	0805			
5	1	C6	220n/K/50V/X7R/0805	10%	50		X7R	0805			
6	1	R1	18K/J/0805	5%				0805			
7	1	R2	82K/J/0805	5%				0805			
8	6	R3, R4, R5, R6, R7, R8	100K/J/0805	5%				0805			
9	2	J1, J2	ARK210/2EX								GM Electronics:821-083
10	1	SC1	FCI 7434L0825S01LF						FCI	7434L0825S01LF	R.S: 542-7898
11	1	J3	HEADER, RA, 2.54MM, 16WAY						AMPHENOL	T821116A1R100CEU	FARNELL:2215293
12	1	S1	ALPS						ALPS	SSSS820201	Mouser:688-SSSS820201
13	2	S2, S3	ALPS SSSS820501						ALPS	SSSS820501	Mouser:688-SSSS820501
14	1	X1	CRYSTAL 10MHz						JAUCH	Q 10.0-SMU4-30-30	??
15	1	DL1	SIL40PZ								
16	14	XD1-1, XD1-8, XD1-9, XD1-10, XD1-11, XD1-13, XD1-14, XD1-15, XD1-16, XD1-17, XD1-18, XD2-GND, XD8-GND, XD9-GND	SIL40PZ upr.						?	?	?
17	4	SCREEW	M3x4mm								
18	4	spacer	M3 F/F KSS KD16M3X08W								GM Electronics:623-114
19	2	Flat Connectors 16pin	T812116A101CEU						AMPHENOL		FARNELL:2215250
20	180mm	Flat Cable 16 conductors	1-57040-6				L=180mm		TE CONNECTIVITY		MOUSER:571-1570406