

**STEVAL-IFP030V1  
BILL OF MATERIALS**

Item	Quantity	Reference	Part / Value	Type / TECHNOLOGY information	Tolerance	Package	Manufacturer	Manufacturer's ordering code / Orderable Part Number
1	3	JMP1 JMP2 JMP3	1K2	Vertical switch SPDT- CO		2.5mm	EAO	09-03290.01
2	1	J2	BG302-05-A-L-G	s 2.54mm socket single row			GLOBAL CONNECTOR TECHNOLOGY	BG302-05-A-L-G
3	2	J1 J3	BG303-05-A-0300-L-G	s 2.54mm header single row			GLOBAL CONNECTOR TECHNOLOGY	BG303-05-A-0300-L-G
4	1	C8	30nF/50V	MLCC X7R	5%	0805	AVX	08055C333JAT2A
5	8	JP0-7	2 pts jumper	2.54mm			TE CONNECTIVITY / AMP	4-103321-8
6	8	LED0-7	green LED	CMS LED			KINGBRIGHT	KPHCM-2012SGC-T
7	1	CN1	terminal block	10-2.54mm			PHOENIX CONTACT	MPT 0,5/10-2,54
8	1	R10	1KOhm/500mW	Thick film	1%	1206	TE CONNECTIVITY	CRGH1206F1K0
9	1	R8	1.5MOhm/500mW	Thick film	1%	1206	MULTICOMP	MCHP06W2F1504T5E
10	1	R9	120kOhm/500mW	Thick film	1%	1206	TE CONNECTIVITY	CRGH1206F120K
11	1	R11	15kOhm/100mW	Thick film	1%	0805	MULTICOMP	MC01W0805115K
12	8	R0-7	2.2kOhm/500mW	Thick film	1%	1206	VISHAY DRALORIC	CRCW12062K20FKEAHP
13	1	U1	SCLT3-8BQ7	CLT		QFN 7x7 – 48L	STMicroelectronics	SCLT3-8BQ7
14	8		Single shunt jumper			2.54mm	MULTICOMP	SPC20479

**STEVAL-IFP030V1 Adapter  
BILL OF MATERIALS**

Item	Quantity	Reference	Part / Value	Type / TECHNOLOGY information	Tolerance	Package	Manufacturer	Manufacturer's ordering code / Orderable Part Number
1	1	U3	ACPL-K73L	Dual-channel opto		Stretched SO-8	Avago	ACPL-K73L-000E
2	1	U4	ACPL-W70L	Single-channel opto		Stretched SO-6	Avago	ACPL-W70L-000E
3	2	J7 J9	BG302-05-A-L-G	5 cts 2.54mm socket single row			GLOBAL CONNECTOR TECHNOLOGY	BG302-05-A-L-G
4	1	C24	1.0µF/25V	MLCC X7R	5%	0805	AVX	08053C105JAT2A
5	2	C25 C26	100nF/25V	MLCC X7R	5%	0805	AVX	08053C104JAT2A
6	2	C20 C23	100nF/50V	MLCC X7R	5%	0805	AVX	08055C104JAT2A
7	2	C18 C19	100pF/50V	MLCC C0G	1%	0805	AVX	08055A101FAT2A
8	2	C21 C22	1µF/6.3V	TaN	10%	1210	AVX	TAJB106K010R
9	2	J8 J10	HE10-10	Femalle coude HE10- 10 socket			3M	5110-B7A2 PL
10	2	R25 R26	220Ohm/125mW	Thick film	1%	0805	Multicomp	MC0805S8F2200T5E
11	6	R27 R28 R29 R30 R31 R32	330Ohm/125mW	Thick film	1%	0806	Multicomp	MC0805S8F2200T5E
12	1	U5	ST2378E	Level shifter		TSSOP-20	STMicroelectronics	ST2378E