

STEVAL-IFP034V1

BILL OF MATERIALS

Item	Qty	Reference	Manufacturer	Part Number	Descr	Type / TECNOLOGY informations	Package	Manufacturer	Additional Notes
1	1	CN1	FCI	52601-S30-4LF	CON30	2.54mm30 pins (15x2rows)	TH	FCI	30 pin splitted on 2 lines
2	1	C1	RUBYCON	100YXF22MEFC8X11.5	22uF, 100V, +/-20%	Electrolytic	TH	RUBYCON	
3	2	C2,C4	VISHAY	VY1472M63Y5UG63V0	4.7nF, 4kV,	Single layer capacitor	TH	VISHAY	
5	2	C3, C10	TDK	C3225X7R2A225K230AB	2.2uF, 100V, +/-10%	X7R	1210	TDK	
7	1	C5	VISHAY	VJ0603A100JXBT	10pF, 100V, +/-5%	X7R	0603	VISHAY	
8	0	C6			DNM		0603		
8	1	C9	MURATA	GRM188R71C103KA01D	10nF, 16V, +/-5%	X7R	0603	MURATA	
9	1	C8	AVX	0603YC473KAT2A	47nF, 16V, +/-10%	X7R	0603	AVX	
10	1	C7	MURATA	GRM188R71C104KA01D	100nF, 16V, +/-10%	X7R	0603	MURATA	
11	1	D1	STM	STPS1H100U	STPS1H100U, 100V, 1A,		SMB	STMicroelectronics	
12	1	D2	OSRAM WURTH	LG R971	GREEN LED, 2.2V	GaP	0805	OSRAM WURTH	26mcd
13	1	D3	OSRAM WURTH	LH R974	RED LED, 1.8V	GaAlAs	0805	OSRAM WURTH	41mcd
14	1	J1			DropJumper		0603		DEFAULT = OPEN (disable TVS U1)
	1	J2			DropJumper		0603		DEFAULT = CLOSED (INPUT ENABLED)
15	3	J4,J6,J7			DropJumper		0603		DEFAULT = OPEN
18	1	J5	VISHAY	CRCW06030000Z0EB	0 Ω, 100mW, 0.01		0603	VISHAY	SET CUT-OFF DELAY = 500us ±35%
19	1	R10	TECONNECTIVITY	CRG0805F15K	15k, 125mW, 1%		0805	TECONNECTIVITY	
20	1	R1	BOURNS	CR0805-FX-6802GLF	68k, 125mW, 0.01		0805	BOURNS	
21	1	R7	BOURNS	CR0805-FX-4702ELF	47k, 125mW, 0.01		0805	BOURNS	
22	2	R2,R5	PANASONIC	ERJ3GEYJ271V	270R, 100mW, 5%		0603	PANASONIC	
24	1	R9	BOURNS	CR0603-FX-4701ELF	4k7, 100mW, 0.01		0603	BOURNS	
25	1	R3	BOURNS	CR0805-J-000ELF	0 Ω, 125mW, 0.05		0805	BOURNS	
26	1	R4	VISHAY	CRCW06030000Z0EB	0 Ω, 100mW, 0.01		0603	VISHAY	
27	2	OPTO1, OPTO2	TOSHIBA	TLP291(GB-TP,E)	OPTO COUPLER, 80V		TLP291-SO4	TOSHIBA	
29	1	R6	PANASONIC	ERA6APB273V	27k, 125mW, 0.001		0805	PANASONIC	
30	2	R12,R14	PANASONIC	ERA3AEB102V	1k, 100mW, 0.001		0603	PANASONIC	
32	1	R8	TECONNECTIVITY	CRG0603F1K0	1k, 100mW, 1%		0603	TECONNECTIVITY	
33	1	R11	BOURNS	CR0805-FX-3301GLF	3k3, 125mW, 0.01		0805	BOURNS	
34	1	R13	PANASONIC	ERA3APB103V	10k, 100mW, 0.1%		0603	PANASONIC	
35	1	R15	Panasonic	ERA3AEB1781V	1k78, 100mW, 0.001		0603	Panasonic	
36	8	TP1,TP2,TP3,TP4, TP5,TP6,TP7, TP8	KEYSTONE	5001	TEST POINT		Ring test point 1mm	KEYSTONE	
44	1	J3	PHOENIX CONTACT	MKDSN 1,5/3-5.08	3 way screw connector	5_08mm	TH 5.08mm	PHOENIX CONTACT	
45	1	U2	ST	IPS161H	IPS161H		PWSSO12	STMicroelectronics	
46	1	U1	ST	SMCJ40CA-TR	Transil, 3kV		SMC	STMicroelectronics	
47	1	R16	TECONNECTIVITY	35213K6FT	3k6, 2W		2512	TECONNECTIVITY	