

Document reference: BOM_STEVAL-IFP020V1	PCB reference: STEVAL-IFP020V1	Revision: 2	Date: 11/4/2011
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Company:
STMicroelectronics

Designator	Quantity	Comment	Description	Footprint	Manufacturer / ordering code		Supplier / ordering code	
C1	1	100uF/50V	Electrolytic Capacitor	CAP D8x11.5	Rubycon	50ZL100MEFC8X11.5	Farnell	1144713
C2, C8, C9	3	100nF	Capacitor	1608[0603]	any		GM Electronic	972-089
C3, C4	2	4n7	Capacitor	Cap_HV_RM7.5	any		Farnell	952-7214
C5	1	10nF	Capacitor	1608[0603]	any		GM Electronic	972-014
C6	1	180pF	Capacitor	1608[0603]	any		GM Electronic	972-042
C7	1	680pF	Capacitor	1608[0603]	any		GM Electronic	972-064
CN1	1	MLW14G	Header, 14-Pin, Dual row, With key	MLW14G	any		GM Electronic	800-046
CN2	1	MLW34G	Header, 34-Pin, Dual row, With key	MLW34G	any		GM Electronic	800-053
CN3, CN4	2	ARK128V-A-2P	Terminal block 2pin	MKDS1.5_2pin	any		GM Electronic	821-097
CN5, CN6	2	Header 1X1	Header, 1-Pin	HDR1X1	any		GM Electronic	832-017 (S1G20)
D1	1	SM15T36A	Transil	DIODE SMC	STMicroelectronics	SM15T36A		
LED1	1	GREEN	LED 0805 GREEN	2012[0805]_TO_DIODE_reflow	any		GM Electronic	960-023
OPT1, OPT2, OPT3	3	TLP281	Optocoupler	HPMF4	any		Farnell	1225848
R1, R4	2	18K	Resistor	1608[0603]	any		GM Electronic	901-516
R2, R3, R5, R6	4	470R	Resistor	1608[0603]	any		GM Electronic	901-495
R7, R10	2	10K	Resistor	1608[0603]	any		GM Electronic	901-399
R8, R9, R11, R12	4	3K3	Resistor	1608[0603]	any		GM Electronic	901-507
TP1, TP2, TP3, TP4, TP5, TP6	6		Test Point	Test_Point_Small	any		Farnell	8731128
U1	1	L6370Q	Intelligent power switch	VFQFPN48_PADS	STMicroelectronics	L6370QTR		
W1	1	5.08mm	Shorting Link	SHORTING LINK 5.08mm 10A	any		Farnell	2x 149319 + 1x 149308
W2	1	2.54mm	Jumper	JUMPER 2P 2.54MM	any		GM Electronic	2/26x 832-166 + 1x 832-140