

STEVAL-IFP007V1

Designator	Quantity	Comment	Description	Footprint	Manufacturer / ordering code	Supplier / ordering code
C1, C4, C6, C18	4	33nF	Ceramic Capacitor	SMD 0805	any	any
C2, C25	2	100nF	Ceramic Capacitor	SMD 0805	any	any
C13, C14	2	10uF/6.3V	Tantalum Capacitor	SMD 1210	any	any
C19, C20, C21, C22, C23	5	100pF	Ceramic Capacitor	SMD 0805	any	any
C40, C41, C42, C43, C44, C45, C46, C47, C48, C49, C50, C51, C52, C53, C54, C55	16	1nF	Ceramic Capacitor	SMD 1206	any	any
CN1, CN2, CN3, CN4	4	MDSTB 2,5/ 2-G-5,08	Terminal block Phoenix-Contact	THT	any	Semic Trade Ksvk 5.08# 2x2 ST70
CN1_Plug, CN2_Plug, CN3_Plug, CN4_Plug	4	MSTB 2,5/ 4-ST-5,08	Terminal block Phoenix-Contact	THT	any	Semic Trade Ksvk 5.08# 4 BU95
CN9	1	MSTB 2,5/ 2-G-5,08	Terminal block Phoenix-Contact	THT	any	Semic Trade Ksvk 5.08# 2 ST04
CN9_Plug	1	MSTB 2,5/ 2-ST-5,08	Terminal block Phoenix-Contact	THT	any	Semic Trade Ksvk 5.08# 2 BU95
CN10	1	MLW20G	Header, 10-Pin, Dual row, With key	THT	any	any
CS, GND_MICRO, GND_PWR, MISO, SCK	5	Test point	Header, 1-Pin	THT	any	any
JMP1, JMP2	2	Header	Header 2pins/2.54mm for Jumper	THT	any	any
JMP1_Socket, JMP2_Socket	2	Jumper	Jumper 2.54mm	THT	any	any
LED0, LED1, LED2, LED3, LED4, LED5, LED6, LED7, LED8, LED9, LED10, LED11, LED12, LED13, LED14, LED15	16	LED SMD	Green LED	SMD 0805	any	any
R1, R3, R4, R5, R8, R10, R11, R12, R13, R14, R15, R16, R17, R18, R20, R21	16	2k2	Resistor - High Peak Power	SMD MELF 0207	VISHAY / BC Components	Farnell 308-6884
R2, R19	2	51k	Resistor	SMD 0805	any	any
R6, R22	2	1k0	Resistor - High Peak Power	SMD MELF 0207	VISHAY / BC Components	Farnell 308-6847
R7, R24	2	15k	Resistor	SMD 0805		
R43	1	1M5	Resistor - High Peak Power	SMD MELF 0207	VISHAY / BC Components	Farnell 308-7220
R44	1	120k	Resistor - High Peak Power	SMD MELF 0207	VISHAY / BC Components	Farnell 308-7098
R48, R49, R57, R58, R59, R60	6	330R	Resistor	SMD 0805	any	any
R52, R53, R54, R55, R56	5	220R	Resistor	SMD 0805	any	any
R50, R51	2	22R	Resistor	SMD 0805	any	any
U1, U2	2	SCLT3-8BT8	Digital Input Termination	SMD HTSSOP 38	STMicroelectronics	ERA Components / ST samples
U5	1	ACPL-K73L	Optocoupler	SMD SO8-wide	Avago	EBV
U6	1	ACPL-W70L	Optocoupler	SMD SO6-wide	Avago	EBV