



Shenzhen Foscam Intelligent Technology Co., LTD.

Model name:FI8918W		BOM		Document No.:RD-BOM-0013			
				Effective date:2010-12-13	Version: A		
Serial number	Materials Issue	Process	Commodity	Specification	Dosage	Number	Note
1	F70FI8918W000			FI8918W MAIN Module			
2	F010000000050	SMT	PCB	PCB(LAYER 4 thickness 1.2mm) FI8918W V1.2	1		
3	F111239040000	SMT	Triode	2N3904 SOT23	1	Q1	
4	F091300001030	SMT	Capacitance	Cap 0603 10nF +80%-20%	2	C55 C86	
5	F091300001040	SMT	Capacitance	Cap 0603 100nF +80%-20%	41	C1 C2 C3 C4 C5 C6 C7 C8 C9 C10 C11 C12	
6	F091300001050	SMT	Capacitance	Cap 0603 1 μ F +80%-20%	5	C44 C60 C62 C63 C66	
7	F092300004750	SMT	Capacitance	Cap 0805 4.7 μ F \pm 10%	6	C37 C39 C53 C54 C61 C64	
8	F091300002000	SMT	Capacitance	Cap 0603 20pF \pm 5%	4	C40 C41 C57 C58	
9	F091300002210	SMT	Capacitance	Cap 0603 220pF \pm 5%	1	C24	
10	F092300001060	SMT	Capacitance	Cap 0805 10 μ F/10V \pm 10%	1	C32	Ceramic patch capacitance
11	F099000001070	SMT	Capacitance	CAP AE6.3*5.3 100 μ F/16V SMT Electrolytic capacitors +80%-20%	1	C46	
12	F099200001060	SMT	Capacitance	Cap 10 μ F/10V Tantalum capacitor A Size +80%-20%	6	C28 C29 C42 C43 C48 C49	
13	F099000021070	SMT	Capacitance	Cap AE5*5.3 100 μ F/10V SMT Electrolytic capacitors +80%-20%	2	C45 C47	
14	F082000000000	SMT	Resistance	Res 0603 0 Ω \pm 5% 1/8W	8	L1 L2 L3 L4 L6 R23 R24 R37	
15	F080188200000	SMT	Resistance	RCA4 4x4.7k Ω \pm 5%	5	R1 R2 R10 R34 R35	
16	F082100200000	SMT	Resistance	Res 0603 10k Ω \pm 5% 1/8W	9	R14 R16 R28 R31 R40 R78 R80 R81 R82	
17	F082150200000	SMT	Resistance	Res 0603 15k Ω \pm 5% 1/8W	4	R17 R33 R38 R39	

18	F082100100000	SMT	Resistance	Res 0603 1k Ω \pm 5% 1/8W	6	R3 R4 R53 R55 R56 R58
19	F082100400000	SMT	Resistance	Res 0603 1M Ω \pm 5% 1/8W	1	R48
20	F082022000000	SMT	Resistance	Res 0603 22 Ω \pm 5% 1/8W	2	R13 R29
21	F082470100000	SMT	Resistance	Res 0603 4.7k Ω \pm 5%	8	R9 R11 R12 R15 R19 R22 R25 R27
22	F082470000000	SMT	Resistance	Res 0603 470 Ω \pm 5%	1	R57
23	F082470200000	SMT	Resistance	Res 0603 47k Ω \pm 5% 1/8W	7	R8 R36 R45 R54 R61 R79 R83
24	F082200100000	SMT	Resistance	Res 0603 2k Ω \pm 5%	1	R32
25	F082499900000	SMT	Resistance	Res 0603 49.9 Ω \pm 1%	4	R18 R20 R21 R51
26	F082100300000	SMT	Resistance	Res 0603 100k Ω \pm 5%	1	R63
27	F082620100000	SMT	Resistance	Res 0603 6.2k Ω \pm 1%	1	R26
28	F082680000000	SMT	Resistance	Res 0603 680 Ω \pm 5%	1	R7
29	F082075000000	SMT	Resistance	Res 0603 75 Ω \pm 1%	4	R70 R71 R72 R73
30	F130603700000	SMT	Switch	2pin PT-6037	1	SW1
31	F100HC2590000	SMT	Decode IC	74HC259 3.9mm SO-16 Decode IC	1	U13
32	F100C87310000	SMT	Audio IC	RC8731 Audio IC SSOP28	1	U4
33	F100M11170010	SMT	IC	ASM1117-3.3V TO-252	1	U7
34	F100C91610000	SMT	Network IC	RC9161(Network IC) LQFP48	1	U10
35	F109VM0090000	SMT	IC	DVM009 Encryption IC	1	U12
36	F100200110000	SMT	IC	SG2001-1.8XN5 SOT-235 POWER IC	1	U8
37	F100MP8090000	SMT	IC	IMP809-EUR-T SOT-23	1	U9
38	F1000N7450000	SMT	IC	W90N745 QFP128 ARM7 IC	1	U1
39	F121123100000	SMT	Network transformer	T1231S	1	T1
40	F1002803A0000	SMT	Motor drive IC	ULN2803A Motor driveIC	1	U6
41	F100ABT7H0000	SMT	IC	W19B320ABT7H 4M Flash TSOP-48 2M*16BIT 4M*8BIT	1	U3
42	F10026IH60000	SMT	IC	W9812G6IH-6 SDRAM TSOP-54	1	U2

43	F091100001020	DIP	Capacitance	Cap 0603 102/2kV High-pressure ceramics capacitor DIP	2	C67 C77	
44	F140712518010	DIP	Socket	Con-7Pin 7pin-1.25mm-180° (JOSUN:1.25T-1-7A)	1	J3	
45	F140515018010	DIP	Socket	Con-5Pin 5pin-1.5mm-180° (JOSUN:1.5T-1-5A)	2	J7 J8	
46	F140412518010	DIP	Socket	Con-4Pin 4pin-1.25mm-180° (JOSUN:1.25T-1-4A)	1	J4	
47	F140312518010	DIP	Socket	Con-3Pin 3pin-1.25mm-180° (JOSUN:1.25T-1-3A)	1	J5	
48	F140212518010	DIP	Socket	Con-2Pin 2pin-1.25mm-180° (JOSUN:1.25T-1-2A)	1	J12	
49	F140512518010	DIP	Socket	Con-5Pin 5pin-1.25mm-180° (JOSUN:1.25T-1-5A)	1	J6	
50	F122150500000	DIP	Crystals	Crystal 15MHz 20ppm 49s DIP Crystals 0.45	1	Y1	
51	F122250500000	DIP	Crystals	Crystal 25MHz 20ppm 49s DIP Crystals 0.45	1	Y2	
52	F11003LED0010	DIP	LED	Green LED Φ3	1	J13	
53	F11003LED0000	DIP	LED	Red LED Φ3	1	J13	
54	F041000000020	DIP	LED SET	LED SET 10*9	1	J13	
55	F1400DC003000	DIP	Socket	POWLET DJ-D003 DC Socket	1	J1	
56	F14003046S000	DIP	Socket	RJ45 Socket 3046S 8P8C JACK W/LED(Y-G)	1	NJ1	
57	F140ST3585000	DIP	Socket	Audio Jack ST-3585D	2	J14 J15	
58	F60FI8918W000			FI8918W SENSOR module			
59	F01000000006B	SMT	PCB	PCB(LAYER 4 thickness 1.2mm) FI8918W CMOS V2.0	1		
60	F111239040000	SMT	Triode	2N3904 SOT23	2	LQ1 LQ2	
61	F091300001050	SMT	Capacitance	Cap 0603 1μF +80%-20%	17	C17 C27 C16 C23 C24 C5 C18 C30 C32 C36	
62	F091300002000	SMT	Capacitance	Cap 0603 20pF ±5%	2	C22 C34	
63	F092300001060	SMT	Capacitance	Cap 0805 10μF/10V ±10%	5	C4 C28 C29 C31 C33	
64	F091300001040	SMT	Capacitance	Cap 0603 100nF +80%-20%	1	LC1	
65	F082000000000	SMT	Resistance	Res 0603 0Ω ±5% 1/8W	2	LR2 LR4	
66	F082100200000	SMT	Resistance	Res 0603 10kΩ ±5% 1/8W	6	R9 R10 R11 R13 R14 R16	
67	F082120200010	SMT	Resistance	Res 0603 12kΩ ±5% 1/8W	1	R5	

68	F082100400000	SMT	Resistance	Res 0603 1M Ω \pm 5% 1/8W	1	R17	
69	F082300300000	SMT	Resistance	Res 0603 300k Ω \pm 5%	2	R15 R7	
70	F082120300000	SMT	Resistance	Res 0603 120k Ω \pm 5%	1	LR3	
71	F081002000000	SMT	Resistance	Res 1206 2 Ω \pm 5%	1	LR7	
72	F081499900000	SMT	Resistance	Res 1206 49.9 Ω \pm 1%	1	LR6	
73	F122120500000	SMT	Crystals	HC-49S/SMD 12MHz 20ppm 49S-SMD(ETIMES)	1	Y1	
74	F100RC3600000	SMT	IC	RC360 CSP29 SENSOR	1	U3	
75	F100RC3010000	SMT	IC	RC301 LQFN48	1	U1	
76	F100PM25L0000	SMT	IC	PM25L512 SOP8 FLASH	1	U2	Need burning software
77	F100ATR180000	SMT	IC	LC1463CB5ATR18 SOT-235 1.8V power IC	1	U5	
78	F140712518010	DIP	Socket	Con-7Pin 7pin-1.25mm-180 $^{\circ}$ (JOSUN:1.25T-1-7A)	1	JP1	
79	F140412518010	DIP	Socket	Con-4Pin 4pin-1.25mm-180 $^{\circ}$ (JOSUN:1.25T-1-4A)	1	JP3	
80	F140512518010	DIP	Socket	Con-5Pin 5pin-1.25mm-180 $^{\circ}$ (JOSUN:1.25T-1-5A)	1	JP2	
81	F1105133I0000	DIP	LED	Infrared leds Φ 5 5133IRPC/P14D12-80	11	LED1-LED11	ECN:2011002
82	F084553700000	DIP	Photoconductive resistance	CDS 5537 16K-50K Photoconductive resistance	1	LR1	
83	F112100130000	DIP	lens	RX-1001-N3 850 Night amphibious 2.8mm	1		
84	F142DCAP20010	DIP	lens Socket	DCAP20.00MM-QJ	1	LENS1	
85	F150208000000	DIP	screw	PA2.0*8	2		Fixed-camera seat