

Date: 4-May-07

	PCB reference: STEVAL-IFS003V1	Date: March, 20 2006
Company:		
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Designator	Quantity	Reference	Value / Generic Part Number	Package	Manufacturer	Manufacturer's ordering code / Orderable Part Number
U2	1	ST7 - MCU	ST7F651AR6T1	TQFP64	ST	ST7F651AR6T1
U1	1	NAND-Flash	NAND512W3A	TSOP-48	ST	NAND512W3A0AN6
U3	1	Voltage Regulator	L7805	TO-220	ST	L7805CV
U4	1	Real Time Clock	M41T81S	SO-8	ST	M41T81SM6E
Q1	1	MOSFET	STB100NF	I2PAK	ST	STB100NF03L-03
D1	1	Diode	IN4148	DO41	Any	NOT MOUNTED
Q2	1	nnp Transistor	2STR1215	SOT23	ST	2STR1215
LCD1	1	Graphic LCD	TS12232C	LCD-12232C		TS12232C
FAN	1	DC Fan	AD2005LX-K70	5 Volt BLDC Fan	ADDA	AD2005LX-K70
XT1	1	Crystal	12Mhz	XTAL-B	Any	
XT2	1	Crystal	32.768kHz	XTAL-S	Any	
TS1	1	Temperature Sensor	STDS75/STLM75	SO-8	ST	STDS75M2F/STLM75 M2F
TS2	1	Temperature Sensor	STDS75/STLM75	TSSOP-8	ST	STDS75DS2F/STLM75 DS2F
TS1A	1	SO-8 Socket	SO-8 Socket	SO-8		OTS-16-03
TS2A	1	TSSOP-8 Socket	TSOSP-8 Socket	TSSOP-8		OTS(24) -0.65-01
CON1	1	Header 5x2	IDC-10B	IDC-10B	Any	
CON2	1	Header 4x2	IDC-8B	IDC-8B	Any	
J1	1	Jack	Connector	Male power connector	Any	
J2	1	Jack	Connector	USB B Connector	Any	
J3	1	Jack	Bergstrip	Berg Strip	Any	
BZ1	1	Buzzer	CEM1203	2 pin magnetic buzzer (AC)	Any	CEM-1203
BT1	1	Battery	Maxel-CR2032	Button Type	Maxel	Maxel-CR2032
S1	1	Power Switch	09-03290-01	SPDT		090-03290-01
S2	1	Reset Switch	push button	4 pin switch	Any	
A0, A1,A2 ,A0#, A1#, A2#	6	Address switches	09-03290-01	SPDT		09-03290-01
EXT,I2C	2	Green LED	SMD LED	SMD	Any	
USB,ALARM	2	Red LED	SMD LED	SMD	Any	
BUZZ	1	Yellow LED	SMD LED	SMD	Any	
R6,R11	2	Resistance	1.5k	805	Any	
R20	1	Resistance	1k	805	Any	
R21,R22,R23, R24,R25,R26	6	Resistance	2.2k	805	Any	
R3,R4,R5	3	Resistance	4.7k	805	Any	
R9,R10,R12, R13,R14,R15, R18,R27	8	Resistance	10k	805	Any	
R16,R19	2	Resistance	100	805	Any	
R1,R2,R8	3	Resistance	330	805	Any	
R17	1	Resistance	270	805	Any	
R7	1	Resistance	0	805	Any	
C1	1	Electrolytic Capacitor	10µF-10V	RB-2.25	Any	
C2, C3,	2	Capacitor	33pF	805	Any	
C16,C6, C5, C8, C18, C19, C4, C9, C10, C11, C7	11	Capacitor	100nF	805	Any	

C17	1	Polarized Capacitor (Axial)	100uF/10v	RB-5.5	Any	
C12	1	Electrolytic Capacitor	4.7μF	RB-2.25	Any	
C13,C14	2	Capacitor	6pF	805	Any	
C15	1	Capacitor	330nF	805	Any	