

Bill of Material  
FBH-01-A

Item	Qty	Ref	Type	Value	Manufacturer	Description	Size	Supplier	Sup. ID
1	2	ST7 X1	280 372-2	6/0	AMP	AMPMODU II HEADER 6 POL. 180°		JOSTRA	100202225
2	6	Z1-6		3,2mm		Drill			
3	7	C6-12	B37872	100n	SIEMENS	CHIP-CAP. 1206/50V X7R	1206	BUERKLIN	52 D 974
4	8	C13-20	B37872	10n	SIEMENS	CHIP-CAP. 1206/50V X7R	1206	BUERKLIN	52 D 962
5	1	C5	C 322 10nF X7R	10nF/200V	KEMET	CERAMIC CAPACITOR C322 10nF 200V X7R	RM5.08	BUERKLIN	53 D 4312
6	2	D1 D7	LL4148	75V/0A2	ITT	DIODE MINI MELF	1206	BUERKLIN	24 S 3460
7	4	D2-3 D5-6	S1M		TAIWAN SEMICONDUCTOR	DIODE 1A 1000V	SMA	FARNELL	1559155
8	1	D4	ESDA6V1U1	6V1	ST	TRANSIL ARRAY 6V1 UNIDIR	SO8	SPOERLE	110263
9	4	C1-4	ECA1VM101	100u/35V	Panasonic	ELKO RADIAL LOW ESR	RM3,5	RS	228-6767
10	8	JMP1-8	826629-2	2/0	AMP	PIN HEADER 2 POL. 6,7mm		BUERKLIN	59 F 2124
11	11	LED1-11				LED 3MM	RM2,5	FARNELL	472-281
12	6	TP1-6	13.70.344		ETTINGER	SOLDER PIN 0,9 mm		BUERKLIN	12 H 6158
13	8	T2-9	BC847B	45V/0A1	SIEMENS	TRANSISTOR NPN SOT23	SOT23	BUERKLIN	12 S 6268
14	8	OK1-8	MOC3041		MOTOROLA	6 PIN DIP ZERO CROSS OPTO ISOLATOR TRIAC DRIVER	DIL6	FARNELL	
15	1	Q1	FDV304P	25V/0R87	FAIRCHILD	P-CH MOSFET 0A46 2V7G 0W35	SOT23	FARNELL	995-850
16	1	IC4	PIC16F877P		MICROCHIP	8-Bit CMOS FLASH uC	TQF44	Metronik	PIC16F877-20/PT
17	5	R5-6 R13-15	MMA 0204-50 1%	0R	BEYSCHLAG	MINI-MELF 1% 1/4W	MMELF	BUERKLIN	06 E 500
18	2	R4 R7	MMA 0204-50 1%	100R	BEYSCHLAG	MINI-MELF 1% 1/4W or 1206	MMELF	BUERKLIN	06 E 568
19	9	R11 R24 R26 R28 R30 R32	MMA 0204-50 1%	10K	BEYSCHLAG	MINI-MELF 1% 1/4W	MMELF	BUERKLIN	06 E 760
20	2	R2-3	501 0204-50 1%	10R	VITROHM	MINI-MELF 1% 1/4W	MMELF	BUERKLIN	26 E 200
21	11	R9-10 R12 R25 R27 R29 R31	MMA 0204-50 1%	1K0	BEYSCHLAG	MINI-MELF 1% 1/4W or 1206	MMELF	BUERKLIN	06 E 664
22	16	R48-55 R57 R59 R61 R63 R65	501 0204-50 1%	20R	VITROHM	MINI-MELF 1% 1/4W	MMELF	BUERKLIN	26 E 214
23	1	R1	MMA 0204-50 1%	2K2	BEYSCHLAG	MINI-MELF 1% 1/4W	MMELF	BUERKLIN	06 E 696
24	16	R40-47 R56 R58 R60 R62 R64	MMA 0204-50 1%	360R	BEYSCHLAG	MINI-MELF 1% 1/4W	MMELF	BUERKLIN	06 E 620
25	8	R16-23	MMA 0204-50 1%	3K3	BEYSCHLAG	MINI-MELF 1% 1/4W	MMELF	BUERKLIN	06 E 712
26	1	R8	MMA 0204-50 1%	47K	BEYSCHLAG	MINI-MELF 1% 1/4W	MMELF	BUERKLIN	06 E 824
27	9	F1-9	7851/6			FUSEHOLDER	5 x 20mm	MIRA	7851/6
28	1	IC3	SN65HVD11D		TEXAS INSTRUMENTS	RS485 INTERFACE TRANSCEIVER 3V3	SO8	FARNELL	1100955
29	1	TR1		2 x 12V 2,3VA	MYRRA	TRANSFORMER 2,3VA 2 x 12V EI30	27,6 x 32,6 x 29mm^	SOSELECTRONIC	
30	8	T10-17							
31	1	T1	314.100.001		RAFI	SHORT TRAVEL SWITCH RF15 UNBELEUCHTET		BUERKLIN	13 G 4100
32	1	IC1	UA7812	+5V/1A	ST	VOLTAGE REGULATOR	TO220	BUERKLIN	50 S 1450
33	1	IC2	UA7805C	+5V/1A	ST	VOLTAGE REGULATOR	TO220	BUERKLIN	50 S 1450
34	6	ST1-6			WAGO	Cage clamp RM2.5	2,5 x 12,1mm	FARNELL	804769
35	18	ST8-25			WAGO	CAGE CLAMP RM5 WAGO236 SERIES	14 x 5 x 13mm	FARNELL	