

Bill Of Materials for UPS pour Raspberry PI

Design Title UPS pour Raspberry PI
Author
Document Number
Revision
Design Created Thursday, March 2, 2017
Design Last Modified Tuesday, March 7, 2017
Total Parts In Design 85

4 Condensateurs

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
1	C1	1000uF	<u>ECR1VPT102MFF501220</u>	\$0.85
1	C2	220uF	<u>ECA1HHG221B</u>	\$0.45
1	C3	0.1uF	<u>453099</u>	\$0.50
1	C4	2.2uF	<u>EEA-GA1H2R2H</u>	\$0.55
Sub-totals:				\$2.35

19 Résistances

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
1	R1	3.34	<u>MF0207FTE52-3R3</u>	\$0.15
3	R2-R4	200	<u>MF0W4FF2000A50</u>	\$0.20
7	R5-R9,R11-R12	10k	<u>MF0W4FF1002A50</u>	\$0.20
2	R10,R2C	6k8	<u>MF0W4FF6801A50</u>	\$0.20
2	R13-R14	56k	<u>MF0W4FF5602A20</u>	\$0.20
1	R0C	16k5	<u>MF0W4FF1652A10</u>	\$0.20
1	R1C	21k	<u>MF0W4FF2102A10</u>	\$0.20
1	R4A	5k5	<u>MF0W4FF5491A10</u>	\$0.20
1	R5B	1k3	<u>MF0W4FF1301A50</u>	\$0.20
Sub-totals:				\$3.75

2 Circuits intégrés

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
1	U1	PIC18F25K22	<u>PIC18F25K22-I/SP</u> <u>SPDIP-28</u>	\$3.85
1	U2VREG	7805	<u>L7805CV</u>	\$0.40
Sub-totals:				\$4.25

5 Transistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
2	Q1,Q4	IRLIB9343	<u>IRLIB9343</u>	\$1.35
2	Q2,Q5	BC547	<u>BC547B</u>	\$0.20
1	Q3	IRLB3813	<u>IRLB3813PBF</u>	\$1.95
Sub-totals:				\$5.05

7 Diodes

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
2	D1,D3	SB320	<u>SB320</u>	\$0.70
1	D2	YELLOW	<u>L 53 YD</u>	\$0.15
1	D4	GREEN	<u>L 53 GD</u>	\$0.15
1	D5	RED	<u>L 53 HD</u>	\$0.15
1	D6	BAT48	<u>BAT48</u>	\$0.35
1	D7	1N5819	<u>1N5819</u>	\$0.30
Sub-totals:				\$2.50

1 Miscellaneous

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
1	L1	22uH	<u>744750420220</u>	\$2.20
Sub-totals:				\$2.20

22 Connecteurs

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
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1	J6	Bouton Poussoir	<u>1825910-2</u>	\$0.25
1	J7	Support CI 28 poles	<u>ICFG28/7</u>	\$0.60
1	J2ACC	B02B-XASK-1	<u>B02B-XASK-1</u>	\$0.50
1	J2ACC1	Acc. Lilon	<u>US18650VTC5A</u>	\$12.95
5	J2ACC2-J2ACC3,J3I2C1-J3I2C3	BXA-001T-P0.6	<u>BXA-001T-P0.6</u>	\$0.20
1	J2ACC4	XAP-02V-1	<u>XAP-02V-1</u>	\$0.25
1	J3I2C	B03B-XASK-1	<u>B03B-XASK-1</u>	\$0.70
1	J3I2C4	XAP-03V-1	<u>XAP-03V-1</u>	\$0.30
1	J4RASP	barrette mâle 2x20	<u>944-13-040-00</u>	\$1.15
1	J4RASP1	Cable plat 40	<u>49900051</u>	\$2.75
2	J4RASP2-J4RASP3	Embase femelle 20x2	<u>PV40OZ</u>	\$0.60
1	J5PICKIT	barrette mâle coudée 6 pôles	<u>088-1-006-0-S-XS0-1080</u>	\$0.40
1	J6ICD	RJ12 MEB6/6PL	<u>MEB6/6PL</u>	\$0.75
1	P1ALIM	DC-10-PCB	<u>FC681478</u>	\$1.00
1	P1ALIM1	Cable Jummelé 2 x 0.5mm2	<u>LiY-Z 49900249</u>	\$0.75
1	P1ALIM2	Conn. Basse Tension Male Droit 5.5/2.1	<u>Cliff FC6814785</u>	\$1.10
1	P1ALIM3	Conn. Basse Tension Male coudé 5.5/2.1	<u>BKL 072115</u>	\$1.35

Sub-totals: \$27.00

1 Dissipateurs

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
1	T1	V4330N	<u>V4330N</u>	\$1.50

Sub-totals: \$1.50

24 Quincaillerie

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
4	QUINQ1-QUINQ4	Ecrou M3	<u>DIN 439 A4 M3</u>	\$0.05
2	QUINQ5-QUINQ6	Goujon de distance 10mm	<u>6035/10 M3</u>	\$0.45
4	QUINQ7-QUINQ10	Goujon de distance 25mm	<u>6035/25 M3</u>	\$0.45
6	QUINQ11-QUINQ16	Rondelle M3	<u>D9021:A2K M3</u>	\$0.02
8	QUINQ17-QUINQ24	Vis à tête bombée M3	<u>815322 M3</u>	\$0.03

Sub-totals: \$3.26

Totals: \$51.86

Thursday, March 9, 2017 6:42:55 AM