Bill Of Materials for UPS pour Raspberry PI

Design Title   UPS pour Raspberry PI
Author
Document Number
Revision
Design Created   Tuesday, October 25, 2016
Design Last Modified   Sunday, February 12, 2017
Total Parts In Design   67

3 Condensateurs

Quantity	References	Value	Stock Code	Unit Cost
1	C1	1000uF	UVY1V221MPD	$0.40
1	C2	220uF	UVY1V221MPD	$0.40
1	C3	3.3pF	451576	$0.30
Sub-totals:				$1.10

17 Résistances

Quantity	References	Value	Stock Code	Unit Cost
1	R1	3.34	MF0W4FF1782A10	$0.20
3	R2-R4	200	MF0W4FF2000A50	$0.20
7	R5-R9, R11-R12	10k	MF0W4FF1002A50	$0.20
1	R10	6K8	MF0W4FF4991A50	$0.20
1	R0C	16k5	MF0W4FF1782A10	$0.20
1	R1C	21k	MF0W4FF1872A10	$0.20
1	R2C	6k8	MF0W4FF4991A50	$0.20
1	R4A	5k5	MF0W4FF5491A10	$0.20
1	R5B	1k3	MF0W4FF1301A50	$0.20
Sub-totals:				$3.40

2 Circuits intégrés

Quantity	References	Value	Stock Code	Unit Cost
1	U1 PIC	PIC18F1320	PIC18F1320-I/P	$4.80
1	U2 VREG	7805	L78S05CV	$0.50
Sub-totals:				$5.30

3 Transistors

Quantity	References	Value	Stock Code	Unit Cost
1	Q1	IRLIB9343	IRLIB9343	$1.35
1	Q2	BC547	BC547B	$0.20
1	Q3	IRLB3813	IRLB3813PBF	$1.95
Sub-totals:				$3.50

6 Diodes

Quantity	References	Value	Stock Code	Unit Cost
2	D1, D3	SB320	SB320	$0.70
1	D2	YELLOW	L 53 YD	$0.15
1	D4	GREEN	L 53 GD	$0.15
1	D5	RED	L 53 HD	$15.00
1	D6	BAT48	BAT48	$0.35
Sub-totals:				$17.05

1 Miscellaneous

Quantity	References	Value	Stock Code	Unit Cost
1	L1	22uH	744750420220	$2.20
Sub-totals:				$2.20

14 Connecteurs

Quantity	References	Value	Stock Code	Unit Cost
1	J2 ACC	B02B-XASK-1	B02B-XASK-1	$0.50

Quantity	References	Value	Stock Code	Unit Cost
1	J2ACC3	XAP-02V-1	XAP-02V-1	$0.25
1	J3I2C	B03B-XASK-1	B03B-XASK-1	$0.70
1	J4RASP	barrette mâle 2x20	944-13-040-00	$1.15
1	J4RASP1	Cable plat 40	49900051	$2.75
1	J4RASP2	Embase femelle 20x2	PV40OZ	$0.60
1	J5PICKIT	barrette mâle coudée 6 pôles	088-1-006-0-S-XS0-1080	$0.40
1	J6ICD	RJ12 MEB6/6PL	MEB6/6PL	$0.75
1	P1	DC-10-PCB	FC681478	$1.00
Sub-totals:				$9.10

1 Dissipateurs

Quantity	References	Value	Stock Code	Unit Cost
1	T1	V4330N	V4330N	$1.50
Sub-totals:				$1.50

20 Quincaillerie

Quantity	References	Value	Stock Code	Unit Cost
4	QUINQ1-QUINQ4	Ecrou M3	DIN 439 A4 M3	$0.05
4	QUINQ5-QUINQ8	Goujon de distance 15mm	6035/15 M3 M3	$0.40
4	QUINQ9-QUINQ12	Rondelle M3	D9021:A2K M3	$0.02
8	QUINQ13-QUINQ20	Vis à tête bombée M3	815322 M3	$0.03
Sub-totals:				$2.12

| Totals: | | | | $45.27 |

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