

Sheet1

refdes	device	value	qty	MFG #
C101,C102	POLARIZED_CAPACITOR	10uF 16V		2 AVE106M16B12T-F
C103,C104	CAPACITOR	1uf		2 C2012Y5V1H105Z
C105, C106	POLARIZED_CAPACITOR	4.7uF 6.3V		2 TAJA475M010RNJ
C107-C109, C201- C207, C301-C312, C314, C315	CAPACITOR 16V SMD 0603 0.1uf			24 C0603C104M4RACTU
J101	HEADER28			1
J102	JUMPER4			1
J201-J204	HEADER12-2 RA			4 PPPC062LJBN-RC
J301	JUMPER6			1
JP101	JUMPER2			1
JP201-JP204	JUMPER3			4
LED301	LED 0805 Green	unknown		LTST-C170KGKT
LED302	LED 0805 Blue	unknown		LTST-C170TBKT
R101,R201	RPAK_CTS	10k		2 CRA06E08310K0FTA
R102,R103, R202	RESISTOR 5% SMD 0805	10k		3 CR0805-JW-103ELF
R301, R303	RESISTOR 5% SMD 0805		330	2 CR0805-JW-331ELF
R302, R304	RESISTOR 5% SMD 0805	4.7k		2
R305	RESISTOR 5% SMD 0805	1k		1 CR0805-JW-102ELF
R306-R308	RESISTOR 5% SMD 0805		100	3 CR0805-JW-102ELF
U101	LM1117	3.3V		1 LM1117MP-3.3/NOPB
U102	NCP551	unknown		1 NCP551SN18T1G
U103	ZLDO1117	1.2V		1 ZLDO1117G12TA
U104	24C01W	unknown		1 CAT24C01W1-GT3
U105	TXS0102	unknown		1 TXS0102DCTR
U201	PCF8574_TS	unknown		1 PCF8574ATS/3, 118
U202,203	74AVC4T774	unknown		2 SN74AVC4T774PW
U204	VCC1-B3D-M50	unknown		1 VCC1-B3D-50M0000000
U205	LTC6904	unknown		1 LTC6904CMS8#PBF
U301	XC3S200A	unknown		1 XC3S200A-4VQG100C

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Distrib	PN	Price (1)	Price(100)	Ext (1)	Ext(100)
Mouser	598-AVE106M16B12T-F	0.09	0.07	0.18	0.14
Mouser	810-C2012Y5V1H105Z	0.09	0.03	0.18	0.07
Digi-Key	478-3869-1-ND	0.38	0.29	0.76	0.58
Mouser	80-C0603C104M4R	0.05	0.01	1.2	0.34
				0	0
	A26513-40-ND	0.22	0.16	0.22	0.16
Digi-Key	S5559-ND	1.15	0.61	4.6	2.43
	A26513-40-ND	0.33	0.24	0.33	0.24
	A26513-40-ND	0.11	0.08	0.11	0.08
	A26513-40-ND	0.16	0.12	0.66	0.48
Mouser	859-LTST-C170KGKT	0.15	0.1	0	0
Mouser	859-LTST-C170TBKT	0.34	0.24	0	0
Mouser	71-CRA06E-F-10k	0.1	0.1	0.2	0.2
Mouser	652-CR0805JW-103ELF	0.05	0.01	0.15	0.03
Mouser	652-CR0805JW-331ELF	0.05	0.01	0.1	0.02
Mouser	260-4.7k-RC	0.04	0.02	0.08	0.04
Mouser	652-CR0805JW-102ELF	0.05	0.01	0.05	0.01
Mouser	652-CR0805-JW-102ELF	0.05	0.01	0.15	0.03
Digi-Key	LM1117MP-3.3CT-ND	1.37	0.97	1.37	0.97
Mouser	863-NCP551SN18T1G	0.51	0.36	0.51	0.36
Digi-Key	ZLDO1117G12DICT-ND	0.62	0.36	0.62	0.36
Mouser	698-CAT24C01WI-GT3	0.12	0.1	0.12	0.1
Mouser	595-TXS0102	0.99	0.66	0.99	0.66
Mouser	771-PCF8574ATDK-T	1.15	0.91	1.15	0.91
Mouser	595-SN74AVC4T774PW	0.87	0.53	1.74	1.06
Mouser	711-VCC1-B3D-50M	2.34	1.76	2.34	1.76
Digi-Key	LTC6904CMS8#PBF-ND	4.2	2.35	4.2	2.35
Digi-Key	122-1594-ND	11.16	11.16	11.16	11.16
Total (Parts)				33.16	24.56