

SI NO.	MANUFACTURER PART#	MAKE	SUPPLIER NAME
1	C1210C475K4RACAUTO	Kemet	Mouser
2	CRCW0603510RJNEA	Vishay	Mouser
3	C2012X7R1C105K125AA	TDK	Mouser
4	SI3483DDV-T1-BE3	Vishay	Mouser
5	CRA2512-FZ-R025ELF	Bourns	Mouser
6	SRU1038-100Y	Bourns	Element14
7	ERA-1AEB102C	Panasonic	DigiKey
8	ERJ-PB6B3002V	Panasonic	DigiKey
9	GRM21BR61C106KE15K	Murata	DigiKey
10	ERJ-UP3F1303V	Panasonic	Element14
11	IHLP2020CZER2R2M8A	Vishay	Mouser
12	CL03A225KP3CRNC	Samsung SDI	Mouser
13	0805YC106KAT2A	Kyocera AVX	Mouser
14	GRM32ER71A226KE20L	Murata	DigiKey
15	WSHM2818R0600FEA	Vishay	Mouser
16	CL10A106MP8NNNC	Samsung SDI	Mouser
17	SRN1060-100M	Bourns	DigiKey
18	C2012C0G1H102J060AA	TDK	DigiKey
19	WSL2010R1100FEA	Vishay	Mouser
20	C1005X8R1C473M050BB	TDK	Mouser
21	LTC3426ES6#TRMPBF	Analog Devices	Arrow Americas
22	SMM4F5.0A-TR	STMicro	Arrow Americas
23	SPV1040T	STMicro	Element14
24	CR0805-FX-9532ELF	Bourns	Mouser
25	CMP2512-FX-3903ELF	Bourns	DigiKey
26	ERJ-S02F2200X	Panasonic	Mouser
27	WSLP1206R0500FEA	Vishay	Element14
28	C3216JB1C226M160AB	TDK	Mouser
29	RC0603FR-0730K9L	Yageo	Mouser
30	IHHP0805ZHER1R0M01	Vishay	Mouser

DESCRIPTION	QTY.	TOTAL + GST
MLCC - SMD/SMT 16V 4.7uF X7R 1210 10% AEC-Q200	4	287.4004211426
Thick Film Resistors - SMD 1/10watt 510ohms 5%	10	38.62477874756
MLCC - SMD/SMT 1.0UF 16V 10% 0805	4	78.42567443848
MOSFET P-CHANNEL 30-V (D-S)	3	175.6558837891
Current Sense Resistors - SMD 0.025ohms 1% +/- 50PPM	4	211.8081054688
Fixed Inductors 10uH 30% SMD 1038	4	403.4183959961
Thin Film Resistors - SMD 0201 1Kohm 0.1% 25ppm	4	185.8752288818
Thick Film Resistors - SMD 0805 Anti-Surge Res. 0.1%, 30Kohm	4	178.8937683105
MLCC - SMD/SMT 10uF 16Volts 10%	10	136.0862884521
Thick Film Resistors - SMD 0603 Anti-sulfurated anti-surge resistor	4	100.4888076782
Power Inductors - SMD 2.2uH 6.6A 26Mohm	4	567.0136108398
MLCC - SMD/SMT X5R, 2.2uF, +/-10%, 10v, 0201	10	131.9122924805
MLCC - SMD/SMT 16V 10uF X7R 0805 10%	14	840.4965820313
MLCC - SMD/SMT 1210 22uF 10volts X7R 10%	4	309.7570495605
Current Sense Resistors - SMD .06ohms 7watt 1%	4	478.3057250977
MLCC - SMD/SMT 10uF+/-20% 10V X5R 1 0603	10	74.97750854492
Power Inductors - SMD 10uH 20% SMD 1060	4	469.5845947266
MLCC - SMD/SMT SUGGESTED ALTERNATE 810-C1005C0G1H102J	4	92.91137695313
Current Sense Resistors - SMD 1/2watt .11ohms 1%	4	295.6332397461
MLCC - SMD/SMT RECOMMENDED ALT 810-C1005X8R1C473K0B	10	80.85810089111
Switching Voltage Regulators 1.2 MHz Step-Up DC/DC Converter	4	2723.537597656
ESD Suppressors / TVS Diodes 400W HI JCT TMP	2	132.885345459
Battery Management Hi efficiency solar battery charger	4	2022.000854492
Thick Film Resistors - SMD 95.3K 1%	10	33.01148986816
Thick Film Resistors - SMD ResHighPower 2512 390k 1% 1.5W TC100	4	243.4067993164
Thick Film Resistors - SMD 0402 220ohms 1% Anti-Sulfur	4	209.5628051758
Current Sense Resistors - SMD 1Watt 0.05Ohms 1%	12	589.9055786133
MLCC - SMD/SMT RECOMMENDED ALT 810-C3216X5R1C226M	4	291.0356750488
Thick Film Resistors - SMD 30.9 kOhms 100mW 0603 1%	10	19.37921524048
Power Inductors - SMD 0805 1uH 20%	4	216.9559173584
TOTAL:		11619.80761719

SI NO.	MANUFACTURER PART#	MAKE
1	C1210C475K4RACAUTO	Kemet
2	CRCW0603510RJNEA	Vishay
3	C2012X7R1C105K125AA	TDK
4	SI3483DDV-T1-BE3	Vishay
5	CRA2512-FZ-R025ELF	Bourns
6	SRU1038-100Y	Bourns
7	ERA-1AEB102C	Panasonic
8	ERJ-PB6B3002V	Panasonic
9	GRM21BR61C106KE15K	Murata
10	ERJ-UP3F1303V	Panasonic
11	IHLP2020CZER2R2M8A	Vishay
12	CL03A225KP3CRNC	Samsung SDI
13	0805YC106KAT2A	Kyocera AVX
14	GRM32ER71A226KE20L	Murata
15	WSHM2818R0600FEA	Vishay
16	CL10A106MP8NNNC	Samsung SDI
17	SRN1060-100M	Bourns
18	C2012C0G1H102J060AA	TDK
19	WSL2010R1100FEA	Vishay
20	C1005X8R1C473M050BB	TDK
21	LTC3426ES6#TRMPBF	Analog Devices
22	SMM4F5.0A-TR	STMicro
23	SPV1040T	STMicro
24	CR0805-FX-9532ELF	Bourns
25	CMP2512-FX-3903ELF	Bourns
26	ERJ-S02F2200X	Panasonic
27	WSLP1206R0500FEA	Vishay
28	C3216JB1C226M160AB	TDK
29	RC0603FR-0730K9L	Yageo
30	IHHP0805ZHER1R0M01	Vishay

DESCRIPTION	QTY.	TOTAL + GST
MLCC - SMD/SMT 16V 4.7uF X7R 1210 10% AEC-Q200	4	287.40042114
Thick Film Resistors - SMD 1/10watt 510ohms 5%	10	38.624778748
MLCC - SMD/SMT 1.0UF 16V 10% 0805	4	78.425674438
MOSFET P-CHANNEL 30-V (D-S)	3	175.65588379
Current Sense Resistors - SMD 0.025ohms 1% +/- 50PPM	4	211.80810547
Fixed Inductors 10uH 30% SMD 1038	4	403.418396
Thin Film Resistors - SMD 0201 1Kohm 0.1% 25ppm	4	185.87522888
Thick Film Resistors - SMD 0805 Anti-Surge Res. 0.1%, 30Kohm	4	178.89376831
MLCC - SMD/SMT 10uF 16Volts 10%	10	136.08628845
Thick Film Resistors - SMD 0603 Anti-sulfurated anti-surge resistor	4	100.48880768
Power Inductors - SMD 2.2uH 6.6A 26Mohm	4	567.01361084
MLCC - SMD/SMT X5R, 2.2uF, +/-10%, 10v, 0201	10	131.91229248
MLCC - SMD/SMT 16V 10uF X7R 0805 10%	14	840.49658203
MLCC - SMD/SMT 1210 22uF 10volts X7R 10%	4	309.75704956
Current Sense Resistors - SMD .06ohms 7watt 1%	4	478.3057251
MLCC - SMD/SMT 10uF+/-20% 10V X5R 1 0603	10	74.977508545
Power Inductors - SMD 10uH 20% SMD 1060	4	469.58459473
MLCC - SMD/SMT SUGGESTED ALTERNATE 810-C1005C0G1H102J	4	92.911376953
Current Sense Resistors - SMD 1/2watt .11ohms 1%	4	295.63323975
MLCC - SMD/SMT RECOMMENDED ALT 810-C1005X8R1C473K0B	10	80.858100891
Switching Voltage Regulators 1.2 MHz Step-Up DC/DC Converter	4	2723.5375977
ESD Suppressors / TVS Diodes 400W HI JCT TMP	2	132.88534546
Battery Management Hi efficiency solar battery charger	4	2022.0008545
Thick Film Resistors - SMD 95.3K 1%	10	33.011489868
Thick Film Resistors - SMD ResHighPower 2512 390k 1% 1.5W TC100	4	243.40679932
Thick Film Resistors - SMD 0402 220ohms 1% Anti-Sulfur	4	209.56280518
Current Sense Resistors - SMD 1Watt 0.05Ohms 1%	12	589.90557861
MLCC - SMD/SMT RECOMMENDED ALT 810-C3216X5R1C226M	4	291.03567505
Thick Film Resistors - SMD 30.9 kOhms 100mW 0603 1%	10	19.37921524
Power Inductors - SMD 0805 1uH 20%	4	216.95591736
Total:		11619.807617

SI NO.	MANUFACTURER PART#
1	C1210C475K4RACAUTO
2	CRCW0603510RJNEA
3	C2012X7R1C105K125AA
4	SI3483DDV-T1-BE3
5	CRA2512-FZ-R025ELF
6	SRU1038-100Y
7	ERA-1AEB102C
8	ERJ-PB6B3002V
9	GRM21BR61C106KE15K
10	ERJ-UP3F1303V
11	IHLP2020CZER2R2M8A
12	CL03A225KP3CRNC
13	0805YC106KAT2A
14	GRM32ER71A226KE20L
15	WSHM2818R0600FEA
16	CL10A106MP8NNNC
17	SRN1060-100M
18	C2012C0G1H102J060AA
19	WSL2010R1100FEA
20	C1005X8R1C473M050BB
21	LTC3426ES6#TRMPBF
22	SMM4F5.0A-TR
23	SPV1040T
24	CR0805-FX-9532ELF
25	CMP2512-FX-3903ELF
26	ERJ-S02F2200X
27	WSLP1206R0500FEA
28	C3216JB1C226M160AB
29	RC0603FR-0730K9L
30	IHHP0805ZHER1R0M01

Sheet3

DESCRIPTION	QTY.	TOTAL + GST
MLCC - SMD/SMT 16V 4.7uF X7R 1210 10% AEC-Q200	4	287.40042114
Thick Film Resistors - SMD 1/10watt 510ohms 5%	10	38.624778748
MLCC - SMD/SMT 1.0UF 16V 10% 0805	4	78.425674438
MOSFET P-CHANNEL 30-V (D-S)	3	175.65588379
Current Sense Resistors - SMD 0.025ohms 1% +/- 50PPM	4	211.80810547
Fixed Inductors 10uH 30% SMD 1038	4	403.418396
Thin Film Resistors - SMD 0201 1Kohm 0.1% 25ppm	4	185.87522888
Thick Film Resistors - SMD 0805 Anti-Surge Res. 0.1%, 30Kohm	4	178.89376831
MLCC - SMD/SMT 10uF 16Volts 10%	10	136.08628845
Thick Film Resistors - SMD 0603 Anti-sulfurated anti-surge resistor	4	100.48880768
Power Inductors - SMD 2.2uH 6.6A 26Mohm	4	567.01361084
MLCC - SMD/SMT X5R, 2.2uF, +/-10%, 10v, 0201	10	131.91229248
MLCC - SMD/SMT 16V 10uF X7R 0805 10%	14	840.49658203
MLCC - SMD/SMT 1210 22uF 10volts X7R 10%	4	309.75704956
Current Sense Resistors - SMD .06ohms 7watt 1%	4	478.3057251
MLCC - SMD/SMT 10uF+/-20% 10V X5R 1 0603	10	74.977508545
Power Inductors - SMD 10uH 20% SMD 1060	4	469.58459473
MLCC - SMD/SMT SUGGESTED ALTERNATE 810-C1005C0G1H102J	4	92.911376953
Current Sense Resistors - SMD 1/2watt .11ohms 1%	4	295.63323975
MLCC - SMD/SMT RECOMMENDED ALT 810-C1005X8R1C473K0B	10	80.858100891
Switching Voltage Regulators 1.2 MHz Step-Up DC/DC Converter	4	2723.5375977
ESD Suppressors / TVS Diodes 400W HI JCT TMP	2	132.88534546
Battery Management Hi efficiency solar battery charger	4	2022.0008545
Thick Film Resistors - SMD 95.3K 1%	10	33.011489868
Thick Film Resistors - SMD ResHighPower 2512 390k 1% 1.5W TC100	4	243.40679932
Thick Film Resistors - SMD 0402 220ohms 1% Anti-Sulfur	4	209.56280518
Current Sense Resistors - SMD 1Watt 0.05Ohms 1%	12	589.90557861
MLCC - SMD/SMT RECOMMENDED ALT 810-C3216X5R1C226M	4	291.03567505
Thick Film Resistors - SMD 30.9 kOhms 100mW 0603 1%	10	19.37921524
Power Inductors - SMD 0805 1uH 20%	4	216.95591736
Total:		11619.807617