



Title		
Size	Number	Revision
A3		
Date:	2015/9/3	Sheet of
File:	C:\Users\...12-36V inverter.SchDoc	Drawn By:

Bill of Materials

<Parameter Title not found>

Source Data From: 逆变.PrjPcb
 Project: 逆变.PrjPcb
 Variant: None

Creation Date: 2015/9/3 17:01:03
 Print Date: 42250 42250.70921

Footprint	Comment	LibRef	Designator	Description	Quantity
HDR1X12	CON12	CON12	1		1
0.47uF/250A	Cap	Cap	C1	Capacitor	1
C					
47uF/450V		Cap Pol1	C2	Polarized Capacitor (Radial)	1
220uF/450V	220uF/450V	CAP	C3, C4, C8, C9		4
6uF/450VAC	CBB61/6uf/450V	CAP	C5, C6		2
100uF/50V	Cap Pol1	Cap Pol1	C7, C12, C15, C17, C19, C24, C26, C28, C40	Polarized Capacitor (Radial)	9
CB1	0.1uF	CAP	C10, C11, C41		3
0805	0.1uF	CAP	C13, C14, C16, C18, C20, C21, C25, C27, C29		9
CD9	6.8u	Cap Pol2	C30, C33, C36, C38, C42	Polarized Capacitor (Axial)	5
CB1	Cap	Cap	C31, C32, C34, C37, C39, C43	Capacitor	6
47uF/450V	6.8u	Cap Pol2	C35	Polarized Capacitor (Axial)	1
KBU810	KBU810 8A	BRIDGE1	D1	Diode Bridge	1
	1000V				
HER508	HER508	Diode 1N4007	D2, D3, D7, D8	1 Amp General Purpose Rectifier	4
1206	1N4148	Diode 1N4148	D4, D10, D11, D13, D15, D16, D17, D21, D22, D23	High Conductance Fast Diode	10
Diode0.5	PEK200	Diode 11DQ03	D5, D12, D35	Schottky Rectifier	3
Diode0.4	UF4007	Diode 1N4007, Diode 1N4148	D6, D9, D34	1 Amp General Purpose Rectifier, High Conductance Fast Diode	3
DO-214AC	FR107	Diode 1N4007	D14, D18, D19, D20, D25, D26, D27, D28, D30, D31	1 Amp General Purpose Rectifier	10
Diode0.4	1N4937	Diode 1N4148	D32	High Conductance Fast Diode	1
DIODE-0.4	1N4937	Diode 1N4148	D33, D36, D39, D40	High Conductance Fast Diode	4
DIODE-0.4	UF4007	Diode 1N4148	D37	High Conductance Fast Diode	1
KBP307	KBP307	BRIDGE1	D38	Diode Bridge	1
AXIAL0.5	2A	Fuse 2	F1	Fuse	1
SIP2	CON2	CON2	J1		1
AXIAL0.7	L	L	L1		1
2mH电感	2mH	L	L2		1
DIP4	P521	P521	P1		1
2SK3878	2SK3878	MOSFET-N	Q1, Q2, Q3, Q4, Q5, Q6	N-Channel MOSFET	6
0805	Res2	Res2	R1, R3, R14, R15, R42, R47	Resistor	6
AXIAL0.4	1k	RES	R2, R13		2
0805	2.7k	RES	R4, R5, R6, R9, R11, R12		6
0805	1k	RES	R7, R10, R20, R46		4
HDR1X3	Res Tap	Res Tap	R8	Tapped Resistor	1
0805	200	RES	R16		1
SIP3	Res Tap	Res Tap	R17, R45	Tapped Resistor	2
0805	100	RES	R18, R23, R25, R29, R32, R35		6
0805	20	RES	R19, R22, R26, R27, R31, R33		6
0805	10	RES	R21, R24, R28, R30, R34, R36		6
0805	3k	RES	R37, R39, R41, R43		4
AXIAL-0.4	Res2	Res2	R38, R40, R44	Resistor	3
共模电感	Trans	Trans	T1	Transformer	1
EE42	EE42(8+8)	EE42(8+8)	T2		1
EI33(9+9)	EI3五路输出	EI3五路电压	T3		1
AC端子	AC220V端子	AC端子	U1	AC端子	1
AXIAL0.4	NTC	NTC	U2		1
PE-51688	电流互感器	电流互感器	U3		1
AC端子	AC端子	AC端子	U4	AC端子	1
	HCPL3180	HCPL3180	U5, U6	HCPL3180	2
DIP8	TLP250	TLP250	U7, U9, U10, U11	TLP250	4
UCC28910	UCC28910	UCC28910	U8		1
Approved					152
Notes					