



Title		
Size	Number	Revision
A3		
Date:	2015/5/29	Sheet of
File:	C:\Users\Roehen\Desktop\PFCC\PFCC Sch	Drawn By:

Comment	Description	Designator	Footprint	LibRef	Quantity
Cap Pol2	Polarized Capacitor (Axial)	C1	0.022uF	Cap Pol2	1
Cap	Capacitor	C2, C3, C4, C5, C6, C7, C8, C10, C11, C12	6-0805_N	Cap	10
Cap	Capacitor	C9	CAP 470μF/50V	Cap	1
Diode	Default Diode	D1	TO247-2L	Diode	1
Bridge1	Full Wave Diode Bridge	D2	KBPC5010(50A/1000V)	Bridge1	1
Fuse 1	Fuse	F1	FUSE(30A)	Fuse 1	1
Inductor	Inductor	L1	PFC inductor	Inductor	1
Header 3	Header, 3-Pin	P1	连接器 (3P)	Header 3	1
IGBT		Q1	PG-TO247-3	IGW75N60T	1
Res2	Resistor	R1	C1210_N	Res2	1
Res2	Resistor	R2, R4	Sampling_R	Res2	2
Res2	Resistor	R3, R5, R6, R7, R8, R9, R12, R14, R15, R16, R17, R18	6-0805_N	Res2	12
Res2	Resistor	R10, R13	C1206	Res2	2
Res2	Resistor	R11	C1210	Res2	1
Res Varistor	Varistor (Voltage- Sensitive Resistor)	RV1	RAD-0.3	Res Varistor	1
UC3854		U*1	DW(R-PDSO-G16)	UC3854	1