AC/DC Converter Controller
Application Information

IC Product Name	BM2P094F
Control Method	PWM
Input	85　Vac　to　115　Vac
Output	9V　0.15A
Type	Non-Isolation
Document Number	1-N-0900015-0000-00
Revision	001

Reference Circuit
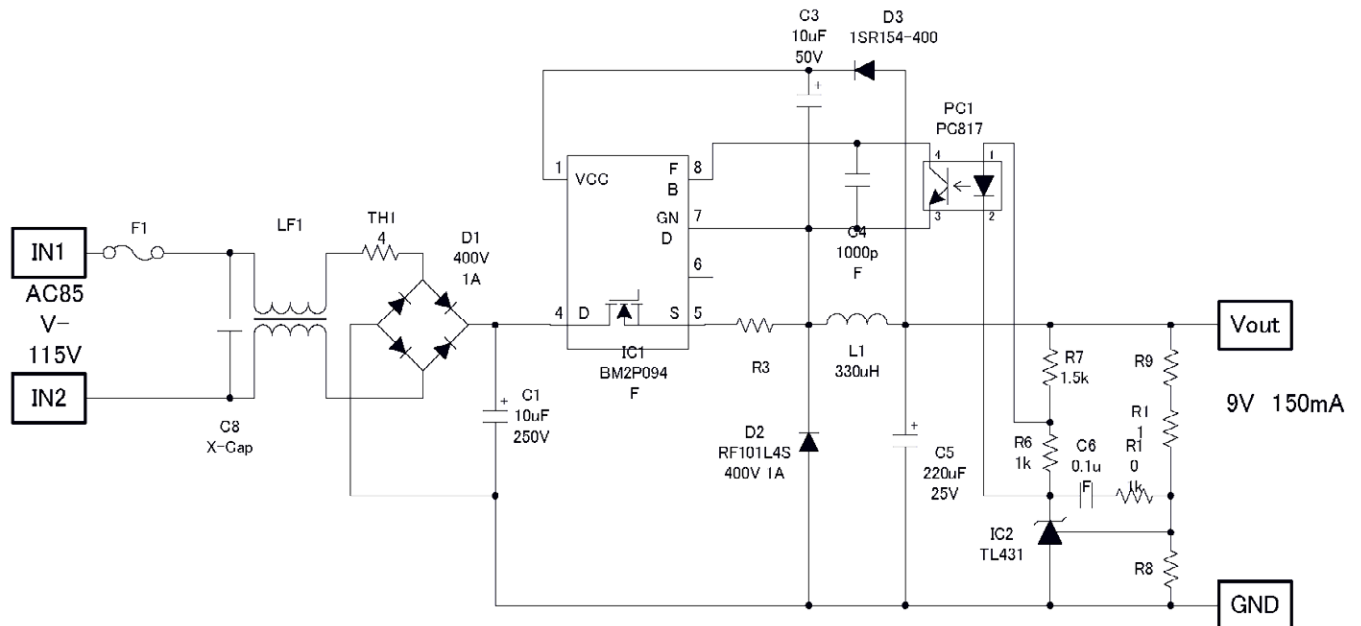
Bill of Materials

Item	Spec	Parts name	Maker
C1	10uF/250V		
C3	10uF/50V		
C4	1000pF/16V		
C5	Low-Z 220uF/25V		
C6	0.1F/25V		
C8	X-Cap 0.1uF		
D1	400V/1A	1SR154-400 x 4	Rohm
D2	FRD 400V/1A	RF101L4S	Rohm
D3	400V/0.5A	1SR154-400	Rohm
F1	1A		
FL1	CMC 10mH		
IC1		BM2P094F	Rohm
IC2		TL431	
L1	330uH/0.5A		
PC1		PC817	SHARP
R3	1.8Ω/0.5W	MCR25JZHFL1R80	Rohm
R6	1kΩ	MCR10EZPJ102	Rohm
R7	1.5kΩ	MCR10EZPJ152	Rohm
R8	4.7kΩ	MCR10EZPF4701	Rohm
R9	12kΩ	MCR10EZPF1202	Rohm
R10	1kΩ	MCR10EZPJ102	Rohm
R11	240Ω	MCR10EZPF2400	Rohm
TH1		NTPA7 4R0	Murata

Revision History

Date	Revision	Changes
7.Mar.2014	001	New Release

1-N-0900015-0000-00
7.Mar.2014

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JAPAN	USA	EU	CHINA
CLASSⅢ	CLASSⅢ	CLASSⅡb	CLASSⅢ
CLASSⅣ		CLASSⅢ	

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