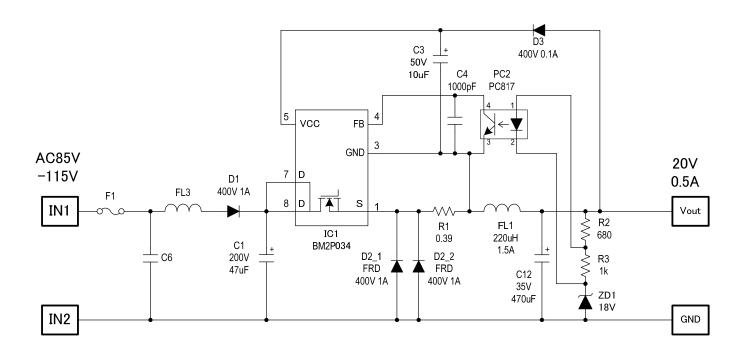


AC/DC Converter Controller Application Information

IC Product Name	BM2P034F		
Control Method	PWM		
Input	85 Vac to 115 Vac		
Output	20V 0.5A		
Туре	Non-isolation		
Document Number	Document Number 1-N-2000050-0001-00		
Revision	001		

Reference Circuit



Bill of Materials

		1	1
Item	Spec	Parts name	Maker
C1	47uF/200V	AXW 47uF 250V	Rubycon
C3	10uF/50V	PM 10uF 50V	Nichicon
C4	1000pF/16V	000pF/16V	
C6		LE104	Okaya
C12	Low-Z 470uF/35V	YXF 220uF 50V	Rubycon
D1	400V/1A	1SR154-400	Rohm
D2_1	FRD 400V/0.7A	RF071L4S	Rohm
D2_2	FRD 400V/0.7A	RF071L4S	Rohm
D3	400V/0.1A	RRE02VS4S	Rohm
F1	Fuse	3.15A	
FL1		220uH/1.5A	
FL3		2.2mH	
IC1		BM2P034	Rohm
PC2		PC817	SHARP
R1	0.39Ω/0.5W	MCR25JZHF0R39	Rohm
R2	680Ω	MCR10EZPJ681	Rohm
R3	1kΩ	MCR10EZPJ102	Rohm
ZD1	18V	UDZVTE-1718B	Rohm

Revision History

Date	Revision	Changes	
7.Mar.2014	001	New Release	

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(Note1) Medical Equipment Classification of the Specific Applications

	(110to 1) Modrodi Equipment Glassification of the Specific Applications				
	JAPAN	USA	EU	CHINA	
Γ	CLASSⅢ	CLASSII	CLASS II b	CLASSⅢ	
Ī	CLASSIV		CLASSⅢ	CLASSIII	

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