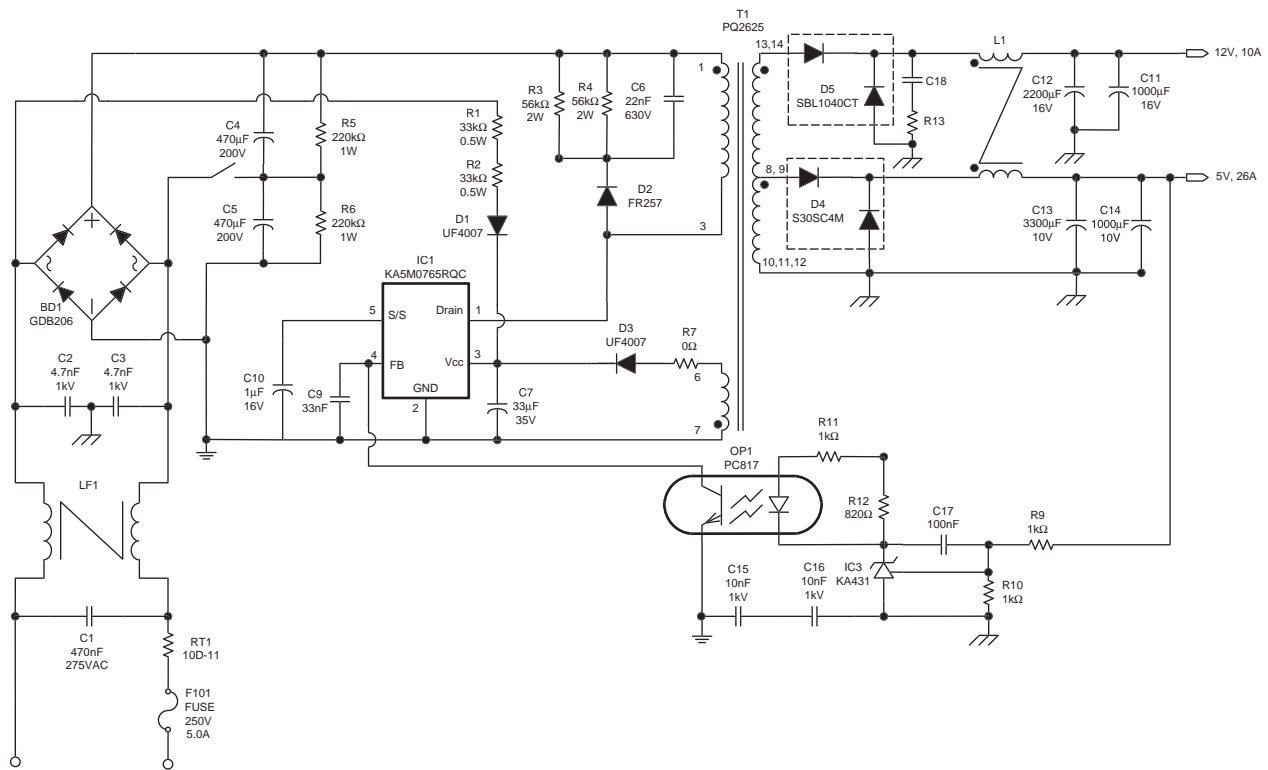


AB-53 PC Power Applications

PC-250W-FS7M0880 – 250 Watts

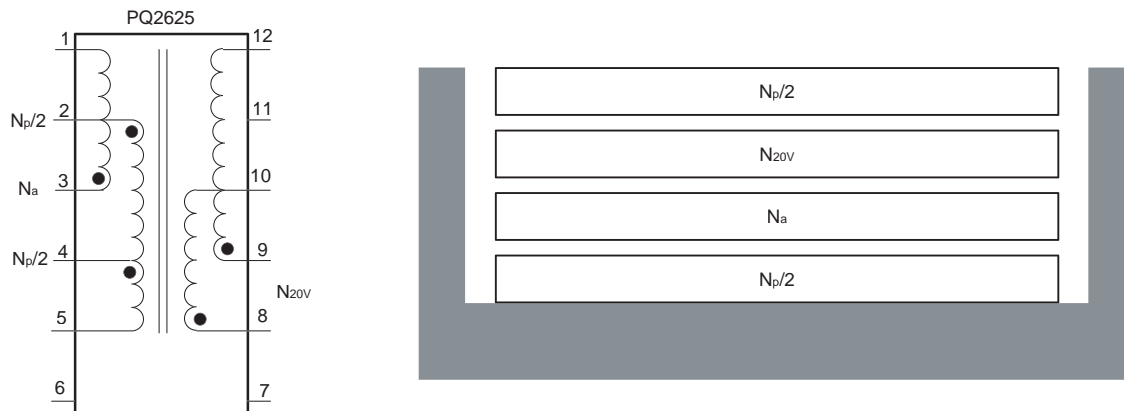
Application	FPS Device	Input Voltage Range	Rated Output Power	Output Voltage (Rated Current)
PC Power	FS7M0880	Universal with Voltage Doubler	250W	12V (10A) 5V (26A)

1. Schematic Diagram



2. Transformer

2.1. Transformer Schematic Diagram



2.2. Winding Specification

	Pin (S → F)	Wire	Turns	Winding Method
N _{p1}	1 → 3	0.65Φ x 1	50	Solenoid winding
N _{5V}	8 → 10	Copper Plate	3	
N _{12V}	14 → 8	0.65Φ x 4	4	Solenoid winding
N _{p2}	1 → 3	0.65Φ x 1	50	Solenoid winding
N _a	7 → 6	0.65Φ x 1	6	Solenoid winding

2.3. Electrical Characteristics

	Pin	Spec.	Remark
Inductance	1-3		
Leakage	1-3		Short all other pins

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EnSigna™	i-Lo™	MSXPro™	Quiet Series™	TINYOPTO™
FACT™	ImpliedDisconnect™	OCX™	RapidConfigure™	TruTranslation™
FACT Quiet Series™		OCXPro™	RapidConnect™	UHC™
Across the board. Around the world.™		OPTOLOGIC®	µSerDes™	UltraFET®
The Power Franchise®		OPTOPLANAR™	SILENT SWITCHER®	UniFET™
Programmable Active Droop™		PACMAN™	SMART START™	VCX™

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PRODUCT STATUS DEFINITIONS

Definition of Terms

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