

Design Kit  
 Quasi-resonant Switching Power Supply

Classification	Part Number	Manufacturer	SPEC	Code	Datasheet	Report	Model	Simbol
IC	FA5541	Fuji Electric		IC1	✓	✓	✓	✓
Photocoupler	TLP281	TOSHIBA		PC1	✓	✓	✓	✓
Shunt Regulator	TA76432F	TOSHIBA	VREF=1.26 V	SR1	✓	✓	✓	✓
MOSFET	2SK3681-01	Fuji Electric	600V, 43A	M1	✓	✓	✓	✓
Diode	D3SB80	SHINDENGEN	800V, 4A, IFSM=120A	DBR1	✓	✓	✓	✓
	ERA38-06	Fuji Electric	600V, 0.5A	D1	✓	✓	✓	✓
	ERA22-02	Fuji Electric	200V, 0.5A	D2	✓	✓	✓	✓
	D1NL20U	SHINDENGEN	200V, 1A	D3, D4	✓	✓	✓	✓
Schottky barrier diode	YG865C15R	Fuji Electric	150V, 20A	D21, D22	✓	✓	✓	✓
Capacitor	PEG124HG410AQ	ELFA	1000uF,25V	C7	✓	✓		
	PEG124HJ433BQ	ELFA	3300uF,25V	C4,C5,C6	✓	✓		