

Design Kit
 Buck Converter Using uPC494

Classification	Part Number	Manufacturer	SPEC	Code	Datasheet	Report	Model	Simbol
IC	uPC494	NEC Electronics Corporation		IC1	✓	✓	✓	✓
Bipolar Junction Transistor	2SA1680	TOSHIBA	-50V, -2A	Q1	✓	✓	✓	✓
Schottky Barrier Diode	XBS104V14R	TOREX SEMICONDUCTOR	40V, 1A (IFSM=20A)	D1	✓	✓	✓	✓
CHOKE COIL	8RHB	TOKO	330 uH ,0.54A	Lo		✓	✓	✓
Capacitor	RJJ-35V221MG5-T20	ELNA Co.,Ltd.	220uF,35V	Co		✓	✓	✓