



Bill Of Materials for BOOST CONVERTER

Design Title	BOOST CONVERTER
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Revision	0
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Total Parts In Design	20

Category	Quantity	References	Value	Özellikler
Capacitors	1	C1	22nF	
Capacitors	1	C2	0.1uF	
Capacitors	1	C3	680uF	160V veya 200V olmalıdır
Resistors	2	R1-R2	4.7k	2ADET
Resistors	2	R3,R6	1k	(R3: 1/4W) (R6: 5W) olmalıdır
Resistors	1	R4	2.2k	
Resistors	1	R5	10R	
Transistors	1	Q1	IRF640	
Diodes	1	D1	MUR820	
Diodes	1	D2	1N5819	
DRIVER IC	1	I1	IR2117	
KLEMENS	3	J1-J3	5,08mm	2Lİ KLEMENS (3ADET)
INDUCTOR	1	L1	100uH	
POTANSİYOMETRE	1	RV1	10k	
POTANSİYOMETRE	1	RV2	50k	
PWM IC	1	S1	SG3524	