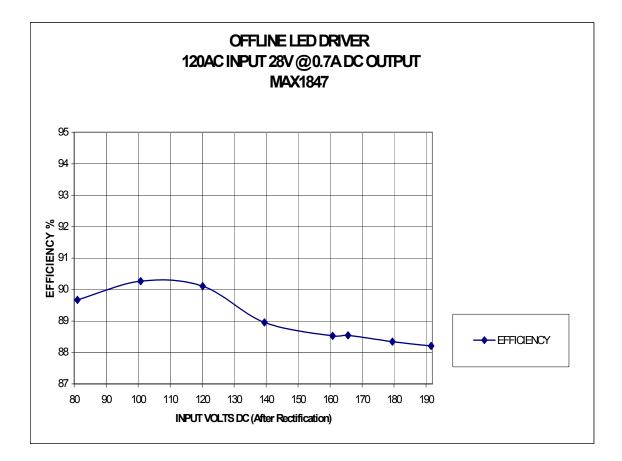


	IIII (00)	vout	iouti		i out	2000	L
81	0.274	28.03	0.71	22.194	19.9013	2.2927	89.66973
100.8	0.217	27.81	0.71	21.8736	19.7451	2.1285	90.26909
120.2	0.185	27.83	0.72	22.237	20.0376	2.1994	90.10928
139.5	0.162	27.92	0.72	22.599	20.1024	2.4966	88.95261
160.8	0.144	28.08	0.73	23.1552	20.4984	2.6568	88.52612
165.6	0.14	28.12	0.73	23.184	20.5276	2.6564	88.5421
179.5	0.13	28.24	0.73	23.335	20.6152	2.7198	88.34455
191.6	0.124	28.32	0.74	23.7584	20.9568	2.8016	88.20796



MAX1847 OFFLINE LED DRIVER 120VAC Input 28V @ 0.7A Output 01/14/05

01/14/05				
DESIGNATION	QTY	DESCRIPTION		
C12	1	330pF Ceramic Cap. NPO (0603)		
C6	1	1000pF Ceramic Cap. NPO (0603)		
C4, C7, C9	3	0.1uF 16V X7R Ceramic Cap. (0603)		
		Taiyo Yuden EMK107BJ104MA		
C5	1	0.47uF 10V X7R Ceramic Cap. (0603)		
		Taiyo Yuden LMK107BJ474MA		
C1, C2	2	1.0uF 250V X7R Ceramic Cap. (1812)		
		TDK C5750X7R2E105M		
C10	1	2.2uF 35V X5R Ceramic Cap. (1210)		
		Taiyo Yuden GMK325BJ225MN		
C8	1	4.7uF 16V X5R Ceramic Cap. (1206)		
		Taiyo Yuden EMK316BJ475ML		
C11	1	100uF 250V Electrolytic Cap.		
		Sanyo 250MV100FAZ (Optional if 120HZ		

C31220uF 16V Electrolytic Cap. Sanyo 16MV220AXD11Diode, 100V 0.15A (SOT-23) Central Semi, CMOD 4448D21Transorb, 12V (SMB) Central Semi, ISMB12AD31Transorb, 36V (1.5KE) General Semi, IN6284AD41Diode, 200V 1A (DO-41) General Semi, UG1DD5-D84LED White, 5W, 700mA, 7 Volt Luxeon LXHL-LW6CL11470uH, 2A Inductor, Toroid, Powder Iron Talema, SWC-3.0-470L21Inductor, Common Mode Delevan, 4222N11250V 2.5 Ohm N-Channel (SOT-223) International Rec, IRFL214R310.05 Ohm 1% resistor (0805) Dale WSL0805 0.05 1.0%R21100 Ohm 1% resistor (0805)R41220k Ohm 1% resistor (0805)R41220k Ohm 1% resistor (0805)R41300k Ohm 1% resistor (0805)R4120k Ohm 1% resistor (0805)R4120k Ohm 1% resistor (0805)R5141.2k Ohm 1% resistor (0805)R4120k Ohm 1% resistor (0805)R4120k Ohm 1% resistor (0805)R51470k Ohm 5% resistor (0805)R61300k Ohm 1% resistor (0805)R71470k Ohm 5% resistor (0.25W)U11High Efficiency, Current-Mode PWM Controller (16 QSOP) Maxim MAX1847EEEU21Rectifier, Bridge, 600V, 0.5A Central Semi CBR1-D060SV1, V22Metal-Oxide Varistor 130VAC			ripple can be tollerated)
Sanyo 16MV220AX D1 1 Diode, 100V 0.15A (SOT-23) Central Semi, CMOD 4448 D2 1 Transorb, 12V (SMB) Central Semi, ISMB12A D3 1 Transorb, 36V (1.5KE) General Semi, IN6284A D4 1 Diode, 200V 1A (DO-41) General Semi, UG1D D5-D8 4 LED White, 5W, 700mA, 7 Volt Luxeon LXHL-LW6C L1 1 470uH, 2A Inductor, Toroid, Powder Iron Talema, SWC-3.0-470 L2 1 Inductor, Common Mode Delevan, 4222 N1 1 250V 2.5 Ohm N-Channel (SOT-223) International Rec, IRFL214 R3 1 0.05 Ohm 1% resistor (0805) R2 1 100 Ohm 1% resistor (0805) R1 1 2.49k Ohm 5% resistor (0805) R4 1 220k Ohm 1% resistor (0805) R6 1 300k Ohm 1% resistor	<u>C</u> 2	1	
D1 1 Diode, 100V 0.15A (SOT-23) Central Semi, CMOD 4448 D2 1 Transorb, 12V (SMB) Central Semi, 1SMB12A D3 1 Transorb, 36V (1.5KE) General Semi, 1N6284A D4 1 Diode, 200V 1A (DO-41) General Semi, UG1D D5-D8 4 LED White, 5W, 700mA, 7 Volt Luxeon LXHL-LW6C L1 1 470uH, 2A Inductor, Toroid, Powder Iron Talema, SWC-3.0-470 L2 1 Inductor, Common Mode Delevan, 4222 N1 1 250V 2.5 Ohm N-Channel (SOT-223) International Rec, IRFL214 R3 1 0.05 Ohm 1% resistor (0805) Dale WSL0805 0.05 1.0% 2 R2 1 100 Ohm 1% resistor (0805) R1 1 2.49k Ohm 5% resistor (0805) R4 1 220k Ohm 1% resistor (025) R4 1 220k Ohm 1% resistor (025) R6 1 300k Ohm 1% resistor (025) R7 1 <t< td=""><td>05</td><td>1</td><td>5 1</td></t<>	05	1	5 1
Central Semi, CMOD 4448D21Transorb, 12V (SMB) Central Semi, 1SMB12AD31Transorb, 36V (1.5KE) General Semi, 1N6284AD41Diode, 200V 1A (DO-41) General Semi, UG1DD5-D84LED White, 5W, 700mA, 7 Volt Luxeon LXHL-LW6CL11470uH, 2A Inductor, Toroid, Powder Iron Talema, SWC-3.0-470L21Inductor, Common Mode Delevan, 4222N11250V 2.5 Ohm N-Channel (SOT-223) International Rec, IRFL214R310.05 Ohm 1% resistor (0805) Dale WSL0805 0.05 1.0%R21100 Ohm 1% resistor (0805)R112.49k Ohm 5% resistor (0805)R41220k Ohm 1% resistor (0805)R41220k Ohm 1% resistor (0805)R41220k Ohm 1% resistor (0805)R41200k Ohm 1% resistor (0805)R41200k Ohm 1% resistor (0805)R41200k Ohm 1% resistor (0805)R71470k Ohm 5% resistor (0.25W)U11High Efficiency, Current-Mode PWM Controller (16 QSOP)Maxim MAX1847EEEU21V1, V22Metal-Oxide Varistor 130VAC	D1	1	
D2 1 Transorb, 12V (SMB) Central Semi, 1SMB12A D3 1 Transorb, 36V (1.5KE) General Semi, 1N6284A D4 1 Diode, 200V 1A (DO-41) General Semi, UG1D D5-D8 4 LED White, 5W, 700mA, 7 Volt Luxeon LXHL-LW6C L1 1 470uH, 2A Inductor, Toroid, Powder Iron Talema, SWC-3.0-470 L2 1 Inductor, Common Mode Delevan, 4222 N1 1 250V 2.5 Ohm N-Channel (SOT-223) International Rec, IRFL214 R3 1 0.05 Ohm 1% resistor (0805) R2 1 100 Ohm 1% resistor (0805) R1 1 2.49k Ohm 5% resistor (0805) R4 1.200 Ohm 1% resistor (0805) R4 1 2.20k Ohm 1% resistor (0805) R4 1 2.20k Ohm 1% resistor (0805) R4 1 220k Ohm 1% resistor (0805) R4 1 220k Ohm 1% resistor (0805) R7 1 470k Ohm 5% resistor (0.25W) U1 1 High Efficiency, Current-Mode PWM Controller (16 QSOP) Maxim MAX1847EEE U2 1 V1, V2 2	DI	1	
Central Semi, ISMB12AD31Transorb, 36V (1.5KE) General Semi, 1N6284AD41Diode, 200V 1A (DO-41) General Semi, UG1DD5-D84LED White, 5W, 700mA, 7 Volt Luxeon LXHL-LW6CL11470uH, 2A Inductor, Toroid, Powder Iron Talema, SWC-3.0-470L21Inductor, Common Mode Delevan, 4222N11250V 2.5 Ohm N-Channel (SOT-223) International Rec, IRFL214R310.05 Ohm 1% resistor (0805) Dale WSL0805 0.05 1.0%R21100 Ohm 1% resistor (0805)R112.49k Ohm 5% resistor (0805)R11220k Ohm 1% resistor (0805)R41220k Ohm 1% resistor (0805)R41220k Ohm 1% resistor (0805)R5141.2k Ohm 1% resistor (0805)R41220k Ohm 1% resistor (0805)R41220k Ohm 1% resistor (0805)R41220k Ohm 1% resistor (0805)R5141.0k Ohm 5% resistor (0805)R41220k Ohm 1% resistor (0805)R51470k Ohm 5% resistor (0.25W)U11High Efficiency, Current-Mode PWM Controller (16 QSOP) Maxim MAX1847EEEU21Rectifier, Bridge, 600V, 0.5A Central Semi CBR1-D060SV1, V22Metal-Oxide Varistor 130VAC	D2	1	
D3 1 Transorb, 36V (1.5KE) General Semi, 1N6284A D4 1 Diode, 200V 1A (DO-41) General Semi, UG1D D5-D8 4 LED White, 5W, 700mA, 7 Volt Luxeon LXHL-LW6C L1 1 470uH, 2A Inductor, Toroid, Powder Iron Talema, SWC-3.0-470 L2 1 Inductor, Common Mode Delevan, 4222 N1 1 250V 2.5 Ohm N-Channel (SOT-223) International Rec, IRFL214 R3 1 0.05 Ohm 1% resistor (0805) Dale WSL0805 0.05 1.0% R2 1 100 Ohm 1% resistor (0805) R1 2.49k Ohm 5% resistor (0805) R4 1 220k Ohm 1% resistor (0805) R7 1 470k Ohm 5% resistor (025W) U1 1 High Efficiency, Current-Mode PWM Controller (16 QSOP) Maxim MAX1847EEE U2 1 Rectifier, Bridge, 600V, 0.5A Central Semi CBR1-D060S V1, V2 2 Metal-Oxide Varistor 130VAC	D2	1	
General Semi, IN6284AD41Diode, 200V 1A (DO-41) General Semi, UG1DD5-D84LED White, 5W, 700mA, 7 Volt Luxeon LXHL-LW6CL11470uH, 2A Inductor, Toroid, Powder Iron Talema, SWC-3.0-470L21Inductor, Common Mode Delevan, 4222N11250V 2.5 Ohm N-Channel (SOT-223) International Rec, IRFL214R310.05 Ohm 1% resistor (0805) Dale WSL0805 0.05 1.0%R21100 Ohm 1% resistor (0805)R112.49k Ohm 5% resistor (0805)R1213.01 Ohm 5% resistor (0805)R41220k Ohm 1% resistor (0805)R41220k Ohm 1% resistor (0805)R71470k Ohm 5% resistor (0805)R71Reficiency, Current-Mode PWM Controller (16 QSOP) Maxim MAX1847EEEU21Rectifier, Bridge, 600V, 0.5A Central Semi CBR1-D060SV1, V22Metal-Oxide Varistor 130VAC	D2	1	
D41Diode, 200V 1A (DO-41) General Semi, UG1DD5-D84LED White, 5W, 700mA, 7 Volt Luxeon LXHL-LW6CL11470uH, 2A Inductor, Toroid, Powder Iron Talema, SWC-3.0-470L21Inductor, Common Mode Delevan, 4222N11250V 2.5 Ohm N-Channel (SOT-223) International Rec, IRFL214R310.05 Ohm 1% resistor (0805) Dale WSL0805 0.05 1.0%R21100 Ohm 1% resistor (0805)R112.49k Ohm 5% resistor (0805)R112.49k Ohm 5% resistor (0805)R41220k Ohm 1% resistor (0805)R41220k Ohm 1% resistor (0805)R71470k Ohm 5% resistor (0805)R61300k Ohm 1% resistor (0805)R71470k Ohm 5% resistor (0805)R71Right Efficiency, Current-Mode PWM Controller (16 QSOP) Maxim MAX1847EEEU21Rectifier, Bridge, 600V, 0.5A Central Semi CBR1-D060SV1, V22Metal-Oxide Varistor 130VAC	D3		
General Semi, UG1DD5-D84LED White, 5W, 700mA, 7 Volt Luxeon LXHL-LW6CL11470uH, 2A Inductor, Toroid, Powder Iron Talema, SWC-3.0-470L21Inductor, Common Mode Delevan, 4222N11250V 2.5 Ohm N-Channel (SOT-223) International Rec, IRFL214R310.05 Ohm 1% resistor (0805) Dale WSL0805 0.05 1.0%R21100 Ohm 1% resistor (0805)R112.49k Ohm 5% resistor (0805)R1213.01 Ohm 5% resistor (0805)R41220k Ohm 1% resistor (0805)R41220k Ohm 1% resistor (0805)R71470k Ohm 5% resistor (0.25W)U11High Efficiency, Current-Mode PWM Controller (16 QSOP) Maxim MAX1847EEEU21Rectifier, Bridge, 600V, 0.5A Central Semi CBR1-D060SV1, V22Metal-Oxide Varistor 130VAC	D.4	-	
D5-D8 4 LED White, 5W, 700mA, 7 Volt Luxeon LXHL-LW6C L1 1 470uH, 2A Inductor, Toroid, Powder Iron Talema, SWC-3.0-470 L2 1 Inductor, Common Mode Delevan, 4222 N1 1 250V 2.5 Ohm N-Channel (SOT-223) International Rec, IRFL214 R3 1 0.05 Ohm 1% resistor (0805) Dale WSL0805 0.05 1.0% R2 1 100 Ohm 1% resistor (0805) R1 1 2.49k Ohm 5% resistor (0805) R4 1 2.49k Ohm 1% resistor (0805) R5 1 41.2k Ohm 1% resistor (0805) R4 1 220k Ohm 1% resistor (0805) R4 1 220k Ohm 1% resistor (0805) R4 1 220k Ohm 1% resistor (0805) R5 1 41.0k Ohm 5% resistor (0805) R6 1 300k Ohm 1% resistor (0805) R7 1 470k Ohm 5% resistor (0.25W) U1 1 High Efficiency, Current-Mode PWM Controller (16 QSOP) Maxim MAX1847EEE U2 1 Rectifier, Bridge, 600V, 0.5A Central Semi CBR1-D060S V1, V2 2 Metal-Oxide Varistor 130VAC	D4	1	
Luxeon LXHL-LW6C L1 1 470uH, 2A Inductor, Toroid, Powder Iron Talema, SWC-3.0-470 L2 1 Inductor, Common Mode Delevan, 4222 N1 1 250V 2.5 Ohm N-Channel (SOT-223) International Rec, IRFL214 R3 1 0.05 Ohm 1% resistor (0805) Dale WSL0805 0.05 1.0% R2 1 100 Ohm 1% resistor (0805) R1 1 2.49k Ohm 5% resistor (0805) R1 1 3.01 Ohm 5% resistor (0805) R8 1 5k Potentimoeter, 10T R5 1 41.2k Ohm 1% resistor (0805) R4 1 220k Ohm 1% resistor (0805) R4 1 300k Ohm 1% resistor (0805) R7 1 470k Ohm 5% resistor (0.25W) U1 1 High Efficiency, Current-Mode PWM Controller (16 QSOP) Maxim MAX1847EEE U2 1 U2 1 Rectifier, Bridge, 600V, 0.5A Central Semi CBR1-D060S V1, V2 2 Metal-Oxide Varistor 130VAC		<u> </u>	
L1 1 470uH, 2A Inductor, Toroid, Powder Iron Talema, SWC-3.0-470 L2 1 Inductor, Common Mode Delevan, 4222 N1 1 250V 2.5 Ohm N-Channel (SOT-223) International Rec, IRFL214 R3 1 0.05 Ohm 1% resistor (0805) Dale WSL0805 0.05 1.0% R2 1 100 Ohm 1% resistor (0805) R1 1 2.49k Ohm 5% resistor (0805) R4 1 3.01 Ohm 5% resistor (0805) R4 1 220k Ohm 1% resistor (0805) R5 1 41.2k Ohm 1% resistor (025W) U1 1 High Efficiency, Current-Mode PWM Controller (16 QSOP) Maxim MAX1847EEE U2 1 U2 1 Rectifier, Bridge, 600V, 0.5A Central Semi CBR1-D060S V1, V2 2 Metal-Oxide Varistor 130VAC	D5-D8	4	
Talema, SWC-3.0-470 L2 1 Inductor, Common Mode Delevan, 4222 N1 1 250V 2.5 Ohm N-Channel (SOT-223) International Rec, IRFL214 R3 1 0.05 Ohm 1% resistor (0805) Dale WSL0805 0.05 1.0% R2 1 100 Ohm 1% resistor (0805) R1 1 2.49k Ohm 5% resistor (0805) R12 1 3.01 Ohm 5% resistor (0805) R4 1 5k Potentimoeter, 10T R5 1 41.2k Ohm 1% resistor (0805) R4 1 220k Ohm 1% resistor (0805) R7 1 470k Ohm 5% resistor (0805) R7 1 High Efficiency, Current-Mode PWM Controller (16 QSOP) Maxim MAX1847EEE U2 1 U2 1 Rectifier, Bridge, 600V, 0.5A Central Semi CBR1-D060S V1, V2 2 Metal-Oxide Varistor 130VAC			
L2 1 Inductor, Common Mode Delevan, 4222 N1 1 250V 2.5 Ohm N-Channel (SOT-223) International Rec, IRFL214 R3 1 0.05 Ohm 1% resistor (0805) Dale WSL0805 0.05 1.0% R2 1 100 Ohm 1% resistor (0805) R1 1 2.49k Ohm 5% resistor (0805) R4 1 3.01 Ohm 5% resistor (0805) R4 1 220k Ohm 1% resistor (0805) R6 1 300k Ohm 1% resistor (0805) R7 1 470k Ohm 5% resistor (0805) R7 1 High Efficiency, Current-Mode PWM Controller (16 QSOP) Maxim MAX1847EEE U2 1 V1, V2 2 Metal-Oxide Varistor 130VAC	Ll	1	
Delevan, 4222 N1 1 250V 2.5 Ohm N-Channel (SOT-223) International Rec, IRFL214 R3 1 0.05 Ohm 1% resistor (0805) Dale WSL0805 0.05 1.0% R2 1 100 Ohm 1% resistor (0805) R1 1 2.49k Ohm 5% resistor (0805) R12 1 3.01 Ohm 5% resistor (0805) R8 1 5k Potentimoeter, 10T R5 1 41.2k Ohm 1% resistor (0805) R4 1 220k Ohm 1% resistor (0805) R7 1 470k Ohm 5% resistor (0805) R7 1 High Efficiency, Current-Mode PWM Controller (16 QSOP) Maxim MAX1847EEE U2 1 U2 1 Rectifier, Bridge, 600V, 0.5A Central Semi CBR1-D060S V1, V2 2 Metal-Oxide Varistor 130VAC			
N1 1 250V 2.5 Ohm N-Channel (SOT-223) International Rec, IRFL214 R3 1 0.05 Ohm 1% resistor (0805) Dale WSL0805 0.05 1.0% R2 1 100 Ohm 1% resistor (0805) R1 1 2.49k Ohm 5% resistor (0805) R12 1 3.01 Ohm 5% resistor (0805) R8 1 5k Potentimoeter, 10T R5 1 41.2k Ohm 1% resistor (0805) R4 1 220k Ohm 1% resistor (0805) R7 1 470k Ohm 5% resistor (0805) R7 1 470k Ohm 5% resistor (0.25W) U1 1 High Efficiency, Current-Mode PWM Controller (16 QSOP) Maxim MAX1847EEE 1 Rectifier, Bridge, 600V, 0.5A Central Semi CBR1-D060S V1, V2 2 Metal-Oxide Varistor 130VAC	L2	1	·
International Rec, IRFL214 R3 1 0.05 Ohm 1% resistor (0805) Dale WSL0805 0.05 1.0% Dale WSL0805 0.05 1.0% R2 1 100 Ohm 1% resistor (0805) R1 1 2.49k Ohm 5% resistor (0805) R12 1 3.01 Ohm 5% resistor (0805) R8 1 5k Potentimoeter, 10T R5 1 41.2k Ohm 1% resistor (0805) R4 1 220k Ohm 1% resistor (0805) R6 1 300k Ohm 1% resistor (0805) R7 1 470k Ohm 5% resistor (0.25W) U1 1 High Efficiency, Current-Mode PWM Controller (16 QSOP) Maxim MAX1847EEE 1 Rectifier, Bridge, 600V, 0.5A U2 1 Rectifier, Bridge, 600V, 0.5A V1, V2 2 Metal-Oxide Varistor 130VAC			
R3 1 0.05 Ohm 1% resistor (0805) Dale WSL0805 0.05 1.0% R2 1 100 Ohm 1% resistor (0805) R1 1 2.49k Ohm 5% resistor (0805) R12 1 3.01 Ohm 5% resistor (0805) R8 1 5k Potentimoeter, 10T R5 1 41.2k Ohm 1% resistor (0805) R4 1 220k Ohm 1% resistor (0805) R6 1 300k Ohm 1% resistor (0805) R7 1 470k Ohm 5% resistor (0805) R7 1 470k Ohm 5% resistor (0.25W) U1 1 High Efficiency, Current-Mode PWM Controller (16 QSOP) Maxim MAX1847EEE U2 1 V1, V2 2 Metal-Oxide Varistor 130VAC	N1	1	
Dale WSL0805 0.05 1.0% R2 1 100 Ohm 1% resistor (0805) R1 1 2.49k Ohm 5% resistor (0805) R12 1 3.01 Ohm 5% resistor (0805) R8 1 5k Potentimoeter, 10T R5 1 41.2k Ohm 1% resistor (0805) R4 1 220k Ohm 1% resistor (0805) R6 1 300k Ohm 1% resistor (0805) R7 1 470k Ohm 5% resistor (0.25W) U1 1 High Efficiency, Current-Mode PWM Controller (16 QSOP) Maxim MAX1847EEE U2 1 Rectifier, Bridge, 600V, 0.5A Central Semi CBR1-D060S V1, V2 2 Metal-Oxide Varistor 130VAC			· · · · · ·
R2 1 100 Ohm 1% resistor (0805) R1 1 2.49k Ohm 5% resistor (0805) R12 1 3.01 Ohm 5% resistor (0805) R8 1 5k Potentimoeter, 10T R5 1 41.2k Ohm 1% resistor (0805) R4 1 220k Ohm 1% resistor (0805) R6 1 300k Ohm 1% resistor (0805) R7 1 470k Ohm 5% resistor (0.25W) U1 1 High Efficiency, Current-Mode PWM Controller (16 QSOP) Maxim MAX1847EEE U2 1 Rectifier, Bridge, 600V, 0.5A Central Semi CBR1-D060S V1, V2 2	R3	1	× ,
R1 1 2.49k Ohm 5% resistor (0805) R12 1 3.01 Ohm 5% resistor (0805) R8 1 5k Potentimoeter, 10T R5 1 41.2k Ohm 1% resistor (0805) R4 1 220k Ohm 1% resistor (0805) R6 1 300k Ohm 1% resistor (0805) R7 1 470k Ohm 5% resistor (0.25W) U1 1 High Efficiency, Current-Mode PWM Controller (16 QSOP) Maxim MAX1847EEE 1 U2 1 Rectifier, Bridge, 600V, 0.5A Central Semi CBR1-D060S V1, V2 2 Metal-Oxide Varistor 130VAC			
R12 1 3.01 Ohm 5% resistor (0805) R8 1 5k Potentimoeter, 10T R5 1 41.2k Ohm 1% resistor (0805) R4 1 220k Ohm 1% resistor (0805) R6 1 300k Ohm 1% resistor (0805) R7 1 470k Ohm 5% resistor (0.25W) U1 1 High Efficiency, Current-Mode PWM Controller (16 QSOP) Maxim MAX1847EEE U2 1 Rectifier, Bridge, 600V, 0.5A V1, V2 2 Metal-Oxide Varistor 130VAC		-	
R8 1 5k Potentimoeter, 10T R5 1 41.2k Ohm 1% resistor (0805) R4 1 220k Ohm 1% resistor (0805) R6 1 300k Ohm 1% resistor (0805) R7 1 470k Ohm 5% resistor (0.25W) U1 1 High Efficiency, Current-Mode PWM Controller (16 QSOP) Waxim MAX1847EEE 1 U2 1 Rectifier, Bridge, 600V, 0.5A Central Semi CBR1-D060S V1, V2 2 Metal-Oxide Varistor 130VAC		1	· · · ·
R5 1 41.2k Ohm 1% resistor (0805) R4 1 220k Ohm 1% resistor (0805) R6 1 300k Ohm 1% resistor (0805) R7 1 470k Ohm 5% resistor (0.25W) U1 1 High Efficiency, Current-Mode PWM Controller (16 QSOP) Maxim MAX1847EEE U2 1 Rectifier, Bridge, 600V, 0.5A Central Semi CBR1-D060S V1, V2 2	R12	1	3.01 Ohm 5% resistor (0805)
R4 1 220k Ohm 1% resistor (0805) R6 1 300k Ohm 1% resistor (0805) R7 1 470k Ohm 5% resistor (0.25W) U1 1 High Efficiency, Current-Mode PWM Controller (16 QSOP) Maxim MAX1847EEE Maxim MAX1847EEE U2 1 Rectifier, Bridge, 600V, 0.5A Central Semi CBR1-D060S V1, V2 2 Metal-Oxide Varistor 130VAC	R8	1	5k Potentimoeter, 10T
R61300k Ohm 1% resistor (0805)R71470k Ohm 5% resistor (0.25W)U11High Efficiency, Current-Mode PWM Controller (16 QSOP) Maxim MAX1847EEEU21Rectifier, Bridge, 600V, 0.5A Central Semi CBR1-D060SV1, V22Metal-Oxide Varistor 130VAC	R5	1	41.2k Ohm 1% resistor (0805)
R71470k Ohm 5% resistor (0.25W)U11High Efficiency, Current-Mode PWM Controller (16 QSOP) Maxim MAX1847EEEU21Rectifier, Bridge, 600V, 0.5A Central Semi CBR1-D060SV1, V22Metal-Oxide Varistor 130VAC	R4	1	220k Ohm 1% resistor (0805)
U11High Efficiency, Current-Mode PWM Controller (16 QSOP) Maxim MAX1847EEEU21Rectifier, Bridge, 600V, 0.5A Central Semi CBR1-D060SV1, V22Metal-Oxide Varistor 130VAC	R6	1	300k Ohm 1% resistor (0805)
Controller (16 QSOP) Maxim MAX1847EEEU21Rectifier, Bridge, 600V, 0.5A Central Semi CBR1-D060SV1, V22Metal-Oxide Varistor 130VAC	R7	1	470k Ohm 5% resistor (0.25W)
Controller (16 QSOP) Maxim MAX1847EEEU21Rectifier, Bridge, 600V, 0.5A Central Semi CBR1-D060SV1, V22Metal-Oxide Varistor 130VAC	U1 1		High Efficiency, Current-Mode PWM
U21Maxim MAX1847EEEU21Rectifier, Bridge, 600V, 0.5A Central Semi CBR1-D060SV1, V22Metal-Oxide Varistor 130VAC			
V1, V22Central Semi CBR1-D060S			
V1, V22Central Semi CBR1-D060S	U2	1	Rectifier, Bridge, 600V, 0.5A
	V1, V2	2	Metal-Oxide Varistor 130VAC
			Panasonic, EZR-V05D201