



Comment	Description 50V 100nFX7R±10%	Designator	Footprint	LibRef	Quantity
100n	0603 Multilayer Ceramic Capacitors	C1, C2, C7, C8, C14,	0603-CAP	Cap 100nF	
	MLCC - SMD/SMT ROHS	C15, C16, C35, C36			
	330uF100V	C3, C4, C5, C6, C9, C10, C11, C12, C17,			
330u	Plugin,D13xL26mm Aluminum Bectrolytic	C18, C19, C20, C21, C22, C23, C24, C25,	Bectrolytic Capacitor D13 P5 H25	Electrolytic Cap 330u	
	Capacitors - Leaded ROHS	C26, C27, C28, C29,	DISPSPES		
	50V4.7uFX7R±10%	C30, C31, C32			
4.7u	0805 Multilayer Ceramic Capacitors	C13, C33, C34	0805-CAP	Cap 4.7uF	
	MLCC - SMD/SMT ROHS				
	50V1nFX7R±10%				
1n	0603 Multilayer Ceramic Capacitors	C37, C38, C39, C40, C41, C42	0803-CAP	Cap 1nF	
	MLCC - SMD/SMT ROHS	C41, C42			
	100VIndependent	D4 D0 D0 D0 D0			
Schottky Diode	Type 850mV@5A5A SMA(DO-214AC)	D1, D3, D5, D6, D9, D10	SMA(DO-214AC)	Schottky Diode	
	Schottky Diodes ROHS 1.7V@8A80ns				
	Independent Type 8A 1kV SMC Fast	D2, D4, D7, D8, D11,			
Fast Diode	Recovery/High	D12	SMCdiode	Fast Diode	
	Efficiency Diodes ROHS				
	2-Yellowlens-				
YellowLED	30°C~+85°C Positive post White 120° 80mW	D13, D14, D15, D16, D17, D18	yellowled	Yellow LED	
	0805 Light Emitting Diodes (LED) ROHS				
Banana Connector	Terminal Red Banana		Bannana Connector	Banana Connector	
Red	Connectors / Aligator Clips ROHS	'n	Red	Red	
Banana Connector	Terminal Black Banana Connectors / Aligator	£	Bannana Connector	Banana Connector	
Black	Clips ROHS 2 Bend 1 5.08mm 1x2P	ļ	Black	Black	
	Green Board				
Plugg	Edge/Receptacle- Open Push-	.B, J4, J5, J6, J7, J8	Pluggable Terminal	Pluggable Rozzeta 2P	
	Pull,P=6.08mm Pluggsble System		Block 2		
	Terminal Block				
650V 20AMOSFET	650V20A190mΩ 126W3.5VTO-263	M1, M2, M3	TO-263	650V20AMOSFET	
	MOSFETs ROHS 100mW Thick Film				
15K	Resistors 75V #100mm/sc #1%	R1, R2, R3, R16, R26,		L	
	15kΩ 0603 Chip Resistor - Surface	R27	0803-RES	Resistor 15K	
	Mount ROHS				
	100mWThick Film Resistors 75V				
390K	±100ppm/°C±5% 390kΩ 0603 Chip	R4, R5, R6	0603-RES	Resistor 390K	
	Resistor - Surface	1			
	Mount ROHS 100mW Thick Film		1		
22R	Resistors 75V ±100ppm/°C ±5%22Ω	R7, R20, R22	0603-RES	Resistor 22R	
	0603 Chip Resistor - Surface Mount ROHS				
	100mWThick Film Resistors 75V		1		
96K	a100ccm/sc a1%	R8, R21, R23	0603-RES	Resistor 95K	
	95.3kΩ 0603 Chip Resistor - Surface				
	Mount ROHSFOJAN 100mW Thick Film				
1K	Resistors 75V ±100ppm/°C±5%1kΩ	R9, R10, R11	0603-RES	Resistor 1K	
	0603 Chip Resistor - Surface Mount ROHS				
	100mWThick Film				
43K	Resistors 75V ±100ppm/°C±1%	R12, R13, R14	0603-RES	Resistor 43K	
	43kΩ 0603 Chip Resistor - Surface	r.i.z, Ki3, K14	OURS NES	nesistor 4.8K	
	Mount ROHS				
	100mWThick Film Resistors 75V	1			
1.37K	±100ppm/°C±1% 1.37kΩ0603 Chip	R15, R24, R25	0603-RES	Resistor 1.37K	
	Resistor - Surface Mount ROHS				
	100mWThick Film				
205K	Resistors 75V ±100ppm/°C±1%	R17. R28. R29	0603-RES	Resistor 205K	
	205kΩ 0603 Chip Resistor - Surface	11.17, Paco, PS29	- CONTROL	- LOBELT ZUDA	
	Mount ROHS 100mW/Thick Film	<b></b>	1		
	Resistors 75V	1			
100m	±800ppm/°C±1% 140mΩ0603Chip	R18, R30, R31	0603-RES	Resistor 100mohm	
	Resistor - Surface Mount ROHS				
	100mWThick Film Resistors 75V		1		
18.7K	±100ppm/°C±1%	R19, R32, R33	0603-RES	Resistor 18.7K	
	18.7kΩ 0603 Chip Resistor - Surface	.,			
	Mount ROHS 100mW Thick Film		1		
****	Resistors 75V	R34. R35. R36. R37.			
10K	±100ppm/°C±1% 10kΩ0603 Chip	R38, R39	0803-RES	Resistor 10K	
	Resistor - Surface Mount ROHS				
750343068	Power Transformers MID-OLTI UCC28740	T1, T2, T3, T4, T5, T6	29.2x30.35	Switching Transformer	
	230 uH60 W 170Hz-100kHz	,, 14, 10, 10	Transformer		
UCC2870DR	9V-35VSOIC-7 AC-DC	U1, U6, U7	SOIC-7	UCC2870DRFlyback	
	Controllers and Regulators ROHS			Controller	
	Regulators ROHS 2.495V-36V±2.2% 100mAAdjustable SOT 23-5 Voltage			Adjustable Voltage	
TL431IDBVR	23-5 Voltage Reference ROHS	U2, U3, U4	SOT-23-5	Adjustable Voltage reference	
	80V5kV50mA		1		
Optocoupler	400mV@2.4mA,8mA1 5V1.15VDC3MD-4P		an 100		
	Transistor, Photovoltaic Output	U5, U8, U9	SMD-4POptocoupler	Optocoupler	
	Optoisolators ROHS				
	Independent Type	I	1	1	1
Zener Diodo 1997	114V~126V3W120V	201 203 204	QLIB Zener doub		
Zener Diode 120V	SMB Zener Diodes ROHS	ZD1, ZD3, ZD4	SMB Zener diode	Zener Diode 120V	
Zener Diode 120V Zener Diode 24V	SMB Zener Diodes	ZD1, ZD3, ZD4 ZD2, ZD6, ZD6	SMB Zener diode	Zener Diode 120V Zener Diode 24V	