

## Bill of Materials

## **Epic Cube Power Supply**

Source Data From: PowerBoard.PrjPcb

Project: PowerBoard.PrjPcb

Variant: None

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Footprint	Comment	LibRef	Designator	Description	Quantity
RAD-0.3	Сар	Сар	C1, C2, C3, C4, C5, C6, C7, C8, C9, C10,	Capacitor	24
			C11, C12, C13, C14, C15, C16, C17, C18,		
			C19, C20, C21, C22, C23, C24		
DO-41	Diode 1N4001	Diode 1N4001	D1, D2, D6, D7, D10, D11, D13	1 Amp General Purpose Rectifier	7
DO-35	Diode 1N4148	Diode 1N4148	D3, D5	High Conductance Fast Diode	2
LED	RED_LED	LED0	D4, D9, D14, D15, D18, D20, D21	Typical INFRARED GaAs LED	7
LED	GREEN_LED	LED0	D8, D12, D16, D17, D19, D22, D23	Typical INFRARED GaAs LED	7
MainPowerC	Header 4	Header 4	P1	Header, 4-Pin	1
onnector HDR1X3	Header 3	Header 3	P2, P3, P6	Header, 3-Pin	2
HDR1X2	Header 2	Header 2	P4, P5, P7, P8	Header, 2-Pin	3
AXIAL-0.3	Res1	Res1	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10,	Resistor	32
AAAL-0.3	11031	11031	R11, R12, R13, R14, R15, R16, R17, R18,		32
			R19, R20, R21, R22, R23, R24, R25, R26,		
			R27, R28, R29, R30, R31, R32		
DCDCamanan			S1		4
PCBCompon ent 1	nintendo_power reset	nintendo_power reset	31		'
N08E	LM555CN	LM555CN	U1	l Timer	1
N014	SN7416N	SN7416N	U2, U4, U6	Hex Inverter Buffer / Driver with High-	3
14014	ONTTION	0147 4 1014	02, 04, 00	Voltage Outputs	
N14A	LM339N	LM339N	U3, U5	Low Power Low Offset Voltage Quad	2
	Liviocoit	Linocon		Comparator	_
ISOWATT220	L7812CP	L7805CP	VR1, VR4, VR6	Positive Voltage Regulator	3
AB					
ISOWATT220 AB	L7805CP	L7805CP	VR2, VR3, VR5, VR7	Positive Voltage Regulator	4
	<u> </u>	<u> </u>			101
Approved		Notes			