

Bill of Materials for ATX Power Supply Breakout Board

P/N: 10016

Description	Designator	Manufacturer	P/N	Quantity	Comments
Aluminum Electrolytic Capacitor	C4, C5, C6, C7, C9, C10, C11	Vishay/Sprague	515D336M035JA6AE3	7	
Capacitor	C1, C2, C3, C8, C12, C13, C14	TDK	C1608X7R1E104K	7	
RED 3MM LED	D1, D2, D3, D4, D5	Knightbright	WP132XID	5	
ATX v2.0 Motherboard Header	H7	Molex	442060007	1	
ATX Pheripheral Power Connector	H10	Molex	15244742	1	
ATX Auxillary Power Connector	H8	Molex	39299042	1	
PCI-E Power Header	H11, H14	AMP	1586041-8	1	
ATX 12V EPS Header	H9	Molex	39-28-1083	1	
Header, 8-pin	H12	FCI	77311-118-08LF	1	
Terminal Block	H4, H5, H6, H8, H13, H15, H18, H19, H22, H23	Phoenix Contact	1725656	7	
USB Header, Dual, Stacked	H17	FCI	72309-8034BLF	1	
Mechanical Screw, 4-40, .25"	M1, M2, M3, M4, M5, M6	Keystone	30M0258	6	
Mechanical Standoff - .5"	M7, M8, M9, M10, M11, M12	Keystone	1893	6	
SPST Switch	S1	C&K Components	L101011MS02Q	1	
LED Resistor	R1, R2, R3, R12, R15	KOA Speer	MF1/4DCT52R2800F	5	280
Cell Phone Charging Resistor	R13, R14	Vishay/Dale	CCF55200RFKE36	2	200
Apple Resistors	R5, R7, R9, R11	Vishay/Dale	CCF5549K9FKE36	4	49.9k
Apple Hi-cap Charge	R4, R6	KOA Speer	MF1/4DC4302F	2	43K
Apple Resistors	R8, R10	Vishay/Dale	CCF5575K0FKE36	2	75K
Apple Low-cap Charge	R4, R6	Vishay/Dale	CCF5549K9FKE36	2	49.9k
2x1 Powerpole	H1, H2, H3, H16, H20, H21	Anderson Power Products		6	
	H1, H2, H3, H16, H20, H21	Anderson Power Products	1377G12	12	Contacts
	H1, H2, H3, H16, H20, H21	Anderson Power Products	1327G6	6	Black Housing
	H1, H2, H3, H16, H20	Anderson Power Products	1327	5	Red Housing
	H21	Anderson Power Products	1327G17	1	Orange Housing