PCB REV: 1.0   **Amiga Drawbridge Adapter**

Component Count: **17**

Individual Components:

Item	Qty	Reference(s)	Value	LibPart	Footprint
		C1	100n	Device:C	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder
		C2	100n	Device:C	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder
		C3	22p	Device:C	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder
		C4	22p	Device:C	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder
		C5	100n	Device:C	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder
		D1	LED (BLUE)	Device:LED	LED_THT:LED_D3.0mm
		J1	FTDI_232_RED	connectors_tk:FTDI_232_RED	connector_tk:ftdi_232_red
		J2	DiskDrive Power	Connector_Generic:Conn_01x02	Connector_Molex:Molex_KK-254_AE-6410-02A_1x02_P2.54mm_Vertical
		J3	PC3-PC5	Connector_Generic:Conn_01x03	Connector_PinHeader_2.54mm:PinHeader_1x03_P2.54mm_Vertical
		J4	AVR-ISP-6	Connector:AVR-ISP-6	Connector_IDC:IDC-Header_2x03_P2.54mm_Vertical
		J5	DiskDrive Data	connectors_tk:FloppyDrive	Connector_PinHeader_2.54mm:PinHeader_2x17_P2.54mm_Vertical
		R1	100	Device:R	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
		R2	1k	Device:R	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
		R3	10k	Device:R	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
		SW1	SW_Push	Switch:SW_Push	button_switch_tk:SW_KMR231G
		U1	ATmega328P-A	MCU_Microchip_ATmega:ATmega328P-A	Package_QFP:TQFP-32_7x7mm_P0.8mm
		Y1	16MHz	Device:Crystal_Small	Crystal:Crystal_SMD_HC49-SD_HandSoldering

Collated Components:

Item	Qty	Reference(s)	Value	LibPart	Footprint
1	3	C1, C2, C5	100n	Device:C	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder
2	2	C3, C4	22p	Device:C	Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder
3	1	D1	LED (BLUE)	Device:LED	LED_THT:LED_D3.0mm
4	1	J1	FTDI_232_RED	connectors_tk:FTDI_232_RED	connector_tk:ftdi_232_red
5	1	J2	DiskDrive Power	Connector_Generic:Conn_01x02	Connector_Molex:Molex_KK-254_AE-6410-02A_1x02_P2.54mm_Vertical
6	1	J3	PC3-PC5	Connector_Generic:Conn_01x03	Connector_PinHeader_2.54mm:PinHeader_1x03_P2.54mm_Vertical
7	1	J4	AVR-ISP-6	Connector:AVR-ISP-6	Connector_IDC:IDC-Header_2x03_P2.54mm_Vertical
8	1	J5	DiskDrive Data	connectors_tk:FloppyDrive	Connector_PinHeader_2.54mm:PinHeader_2x17_P2.54mm_Vertical
9	1	R1	100	Device:R	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
10	1	R2	1k	Device:R	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
11	1	R3	10k	Device:R	Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
12	1	SW1	SW_Push	Switch:SW_Push	button_switch_tk:SW_KMR231G
13	1	U1	ATmega328P-A	MCU_Microchip_ATmega:ATmega328P-A	Package_QFP:TQFP-32_7x7mm_P0.8mm
14	1	Y1	16MHz	Device:Crystal_Small	Crystal:Crystal_SMD_HC49-SD_HandSoldering