

PCB REV: 1.0

Component Count: 17

Individual Components:

Item	Qty	Reference(s)	Value
		C1	100n
		C2	100n
		C3	22p
		C4	22p
		C5	100n
		D1	LED (BLUE)
		J1	FTDI_232_RED
		J2	DiskDrive Power
		J3	PC3-PC5
		J4	AVR-ISP-6
		J5	DiskDrive Data
		R1	100
		R2	1k
		R3	10k
		SW1	SW_Push
		U1	ATmega328P-A
		Y1	16MHz

Collated Components:

Item	Qty	Reference(s)	Value
1	3	C1, C2, C5	100n
2	2	C3, C4	22p
3	1	D1	LED (BLUE)
4	1	J1	FTDI_232_RED
5	1	J2	DiskDrive Power
6	1	J3	PC3-PC5
7	1	J4	AVR-ISP-6
8	1	J5	DiskDrive Data
9	1	R1	100
10	1	R2	1k
11	1	R3	10k
12	1	SW1	SW_Push
13	1	U1	ATmega328P-A
14	1	Y1	16MHz

**Amiga Drawbridge Adapter**

LibPart
Device:C
Device:C
Device:C
Device:C
Device:C
Device:LED
connectors_tk:FTDI_232_RED
Connector_Generic:Conn_01x02
Connector_Generic:Conn_01x03
Connector:AVR-ISP-6
connectors_tk:FloppyDrive
Device:R
Device:R
Device:R
Switch:SW_Push
MCU_Microchip_ATmega:ATmega328P-A
Device:Crystal_Small

LibPart
Device:C
Device:C
Device:LED
connectors_tk:FTDI_232_RED
Connector_Generic:Conn_01x02
Connector_Generic:Conn_01x03
Connector:AVR-ISP-6
connectors_tk:FloppyDrive
Device:R
Device:R
Device:R
Switch:SW_Push
MCU_Microchip_ATmega:ATmega328P-A
Device:Crystal_Small

Footprint
Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder
Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder
Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder
Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder
Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder
LED_THT:LED_D3.0mm
connector_tk:ftdi_232_red
Connector_Molex:Molex_KK-254_AE-6410-02A_1x02_P2.54mm_Vertical
Connector_PinHeader_2.54mm:PinHeader_1x03_P2.54mm_Vertical
Connector_IDC:IDC-Header_2x03_P2.54mm_Vertical
Connector_PinHeader_2.54mm:PinHeader_2x17_P2.54mm_Vertical
Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
button_switch_tk:SW_KMR231G
Package_QFP:TQFP-32_7x7mm_P0.8mm
Crystal:Crystal_SMD_HC49-SD_HandSoldering

Footprint
Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder
Capacitor_SMD:C_0805_2012Metric_Pad1.18x1.45mm_HandSolder
LED_THT:LED_D3.0mm
connector_tk:ftdi_232_red
Connector_Molex:Molex_KK-254_AE-6410-02A_1x02_P2.54mm_Vertical
Connector_PinHeader_2.54mm:PinHeader_1x03_P2.54mm_Vertical
Connector_IDC:IDC-Header_2x03_P2.54mm_Vertical
Connector_PinHeader_2.54mm:PinHeader_2x17_P2.54mm_Vertical
Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
Resistor_SMD:R_0805_2012Metric_Pad1.20x1.40mm_HandSolder
button_switch_tk:SW_KMR231G
Package_QFP:TQFP-32_7x7mm_P0.8mm
Crystal:Crystal_SMD_HC49-SD_HandSoldering