

Note: Part numbers, manufacturers, and vendors are typical of what is supplied. Substitutions may be made based on availability at time of ordering.

## **PIXIE VIDEO CARD**

<b><u>Qty</u></b>	<b><u>Description</u></b>	<b><u>Location</u></b>	<b><u>Manufacturer</u></b>	<b><u>Manufacturer #</u></b>	<b><u>Vendor</u></b>	<b><u>Vendor #</u></b>
<b><u>Integrated Circuits</u></b>						
1	CD4001	U3	TI	CD4001BE	Digikey	296-2028-ND
1	CD4011	U9	TI	CD4011BE	Digikey	296-2031-ND
1	CD4012	U2	TI	CD4012BE	Digikey	296-2032-5-ND
2	CD4013	U4,6	TI	CD4013BE	Digikey	296-2033-5-ND
1	CD4014	U11	TI	CD4014BE	Digikey	296-2034-5-ND
4	CD4015	U12-15	TI	CD4015BE	Digikey	296-2035-5-ND
1	CD4025	U1	TI	CD4025BE	Digikey	296-2043-5-ND
1	CD4069	U5	TI	CD4069UBE	Digikey	296-3518-5-ND
1	CD4073	U10	TI	CD4073BE	Digikey	296-2064-ND
1	CD4075	U8	TI	CD4075BE	Digikey	296-2065-5-ND
1	CD4081	U7	TI	CD4081BE	Digikey	296-2066-ND
<b><u>Discrete Components</u></b>						
1	Resistor 1/4 watt 75	R1	Stackpole	CF14JT75R0	Digikey	CF14JT75R0CT-ND
1	Resistor 1/4 watt 390	R2,4	Stackpole	CF14JT390R	Digikey	CF14JT390RCT-ND
1	Resistor 1/4 watt 1.2K	R3	Stackpole	CF14JT1K20	Digikey	CF14JT1K20CT-ND
2	Resistor 1/4 watt 4.7K	R4,5	Stackpole	CF14JT4K70	Digikey	CF14JT4K70CT-ND
1	Resistor 1/4 watt 10K	R6	Stackpole	CF14JT10K0	Digikey	CF14JT10K0CT-ND
1	Resistor 1/4 watt 1M	R7	Stackpole	CF14JT1M00	Digikey	CF14JT1M00CT-ND
4	Switching Diode 1N4148	D1-4	ON Semi	1N4148	Digikey	1N4148FS-ND
2	Ceramic capacitor 18pF radial 0.2"	C1-2	Vishay	K180J15C0GF5TH5	Digikey	BC1033CT-ND
5	Ceramic capacitor 0.1uF radial 0.2"	C3-7	Vishay	K104K10X7RF5UH5	Digikey	BC2665CT-ND
2	2N3904 Transistor TO-92	Q1,2	ON Semi	2N3904TFR	Digikey	2N3904D26ZCT-ND
1	Crystal 3.579545 Mhz Parallel 18pF	Y1	Abracon	ABL-3.579545MHZ-B2	Digikey	535-9053-ND
<b><u>Interconnect and Mechanical</u></b>						
1	Straight dual row header 21 position		Sullins	PREC021DAAN-RC	Digikey	S2012EC-21-ND
1	Right-angle header 8 pins 0.1"		Sullins	PREC008DBAN-M71RC	Digikey	S2112EC-08-ND
4	Straight header 3 pins 0.1"		Sullins	PREC003SAAN-RC	Digikey	S1012EC-03-ND
1	Phono jack, right angle, yellow		Kycon	KLPX-0848A-2-Y	Digikey	2092-KLPX-0848A-2-Y-ND
4	Jumper shunts 0.1"		Sullins	STC02SYAN	Digikey	S9000-ND
<b><u>Integrated Circuit Sockets</u></b>						
5	DIP socket 16 pin 0.3"		On Shore	ED16DT	Digikey	ED3046-5-ND
10	DIP socket 14 pin 0.3"		On Shore	ED14DT	Digikey	ED3045-5-ND
<b><u>Circuit Board and Expansion</u></b>						
1	Circuit Board		Madole		JLCPCB	
1	Socket 39 pin 0.1" long tail		Samtec	SSQ-139-03-T-S	Digikey	SAM1206-39-ND
1	Socket 20 pin 0.1" long tail		Samtec	SSQ-120-03-T-S	Digikey	SAM1206-20-ND
2	0.5 inch standoff spacer		RAF	4505-440-AL-7	Jameco	393474