

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

TMS9XXX Video Interface

<u>Qty</u>	<u>Qty</u>	<u>Description</u>		<u>Manufacturer</u>	<u>Manufacturer #</u>	<u>Vendor</u>	<u>Vendor #</u>
<u>Integrated Circuits</u>							
1		TMS9X18	U1	TI	TMS9XXXAN	Obsolete	
	1	TMS9X2X	U1	TI	TMS9XXXAN	Obsolete	
2	2	TMS41464	U7,10	TI	TMS41464	Obsolete	
1	1	CD4001	U9	TI	CD4001BE	Digikey	296-2028-ND
1	1	CD4011	U6	TI	CD4011BE	Digikey	296-2031-ND
1	1	CD4023	U12	TI	CD4023BE	Digikey	296-2041-ND
	1	CD4066	U4	TI	CD4066BE	Digikey	296-2061-5-ND
1	1	74HCT14	U3	TI	SN74HCT14N	Digikey	296-8394-5-ND
1	1	74HCT244	U13	TI	SN74HCT244N	Digikey	296-1610-5-ND
1	1	74HCT245	U2	TI	SN74HCT245N	Digikey	296-1612-5-ND
	1	LM1881	U14	TI	LM1881N	Obsolete	
	1	TL081	U5	TI	TL081CP	Digikey	296-7203-5-ND
1	2	AD828	U8,11	AD	AD828ANZ	Digikey	AD828ANZ-ND
<u>Passive Components</u>							
1	3	Resistor 1/4 watt 75	R7,12,15	Stackpole	CF14JT75R0CT-ND	Digikey	CF14JT75R0CT-ND
	1	Resistor 1/4 watt 82	R18	Stackpole	CF14JT82R0CT-ND	Digikey	CF14JT82R0CT-ND
1	3	Resistor 1/4 watt 470	R2-4	Stackpole	CF14JT470RCT-ND	Digikey	CF14JT470RCT-ND
	1	Resistor 1/4 watt 680	R20	Stackpole	CF14JT680RCT-ND	Digikey	CF14JT680RCT-ND
1	1	Resistor 1/4 watt 1K	R1	Stackpole	CF14JT1K00CT-ND	Digikey	CF14JT1K00CT-ND
1	1	Resistor 1/4 watt 3.9K	R6	Stackpole	CF14JT3K90CT-ND	Digikey	CF14JT3K90CT-ND
3	9	Resistor 1/4 watt 4.7K	R5,8-11,13,14,16,17	Stackpole	CF14JT4K70CT-ND	Digikey	CF14JT4K70CT-ND
	1	Resistor 1/4 watt 680K	R19	Stackpole	CF14JT680KCT-ND	Digikey	CF14JT680KCT-ND
3	3	Diode 1N4148	D1-2	ON Semi	1N4148	Digikey	1N4148FS-ND
5	8	Ceramic capacitor 0.1uF radial 0.2"	C1,2,5,6	Vishay	K104K10X7RF5UH5	Digikey	BC2665CT-ND
3	3	Ceramic capacitor 33pF radial 0.2"	C1-3	Vishay	K330J15C0GF5TH5	Digikey	BC1036CT-ND
1	1	Crystal 10.738635 Mhz Parallel	Y1	CTS	MP107-E	Digikey	MP107-E
<u>Interconnect and Mechanical</u>							
1	1	Socket 20 pin 0.1" long tail		Samtec	SSQ-120-03-T-S	Digikey	SAM1206-20-ND
1	5	Straight header 2 pins 0.1"		Sullins	PREC002SAAN-RC	Digikey	S1012EC-02-ND
8	8	Straight header 3 pins 0.1"		Sullins	PREC003SAAN-RC	Digikey	S1012EC-03-ND
8	12	Jumper shunts 0.1"		Sullins	STC02SYAN	Digikey	S9000-ND
1	1	Straight dual row header 21 position		Sullins	PREC021DAAN-RC	Digikey	S2012EC-21-ND
4	4	0.5 inch standoff spacer		RAF	4505-440-AL-7	Digikey	1772-2065-ND
1		Phono jack, right angle, yellow		Kycon	KLPX-0848A-2-Y	Digikey	
	1	Phono jack, right angle, green		Kycon	KLPX-0848A-2-GR	Digikey	
	1	Phono jack, right angle, red		Kycon	KLPX-0848A-2-R	Digikey	
	1	Phono jack, right angle, blue		Kycon	KLPX-0848A-2-BL	Digikey	
	1	Phono jack, right angle, black		Kycon	KLPX-0848A-2-B	Digikey	
<u>Integrated Circuit Sockets</u>							
1	1	DIP socket 40 pin 0.6"	U1	On Shore	ED40DT	Digikey	ED3048-5-ND
2	2	DIP socket 20 pin 0.3"	U2,13	On Shore	ED20DT	Digikey	ED3054-5-ND
2	2	DIP socket 18 pin 0.3"	U7,10	On Shore	ED18DT	Digikey	ED3047-5-ND
4	5	DIP socket 14 pin 0.3"	U3,4,6,9,12	On Shore	ED14DT	Digikey	ED3045-5-ND
1	4	DIP socket 8 pin 0.3"	U5,8,11,14	On Shore	ED08DT	Digikey	ED3044-5-ND
<u>Circuit Board and Expansion</u>							
1	1	Circuit Board		Madole		JLPCPB	
1	1	Socket 39 pin 0.1" long tail		Samtec	SSQ-139-03-T-S	Digikey	SAM1206-39-ND

└── For 9X2X with component video out, also supports 9X18 for composite video output
└── For 9118 or 9918 with composite video output only