

CSI-01 KIT Component List

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Item	Detail	Qty	Item	Detail	Qty	Item	Detail	Qty
RA10	1/4W 5% 10 OHM CARBON RESISTOR	5	21CB022	50V 22PF CERAMIC CAPACITOR	2	LM358	LOW POWER DUAL OP AMP	1
RA100	1/4W 5% 100 OHM CARBON RESISTOR	5	21CB047	50V 47PF CERAMIC CAPACITOR	2	LM386	LOW VOLTAGE AUDIO POWER AMP	1
RA470	1/4W 5% 470 OHM CARBON RESISTOR	5	21CB100	50V 100PF CERAMIC CAPACITOR	2	7805	5V 1A POS VOLT REG TO-220	1
RA1.0K	1/4W 5% 1.0K OHM CARBON RESISTOR	5	21CB220	50V 220PF CERAMIC CAPACITOR	2	7812	12V 1A POS VOLT REG TO-220	1
RA2.2K	1/4W 5% 2.2K OHM CARBON RESISTOR	5	21CB330	50V 330PF CERAMIC CAPACITOR	2	74LS00	QUAD 2 IN NAND GATE	1
RA3.3K	1/4W 5% 3.3K OHM CARBON RESISTOR	5	21CB470	50V 470PF CERAMIC CAPACITOR	2	74LS02	QUAD 2 IN NOR GATE	1
RA4.7K	1/4W 5% 4.7K OHM CARBON RESISTOR	5	21ET001	50V .001UF CERAMIC CAPACITOR	2	74LS08	QUAD 2 IN AND GATE	1
RA5.1K	1/4W 5% 5.1K OHM CARBON RESISTOR	5	21ET005	50V .0047UF CERAMIC CAPACITOR	2	74LS14	HEX SCHMITT TRIGGER	1
RA6.8K	1/4W 5% 6.8K OHM CARBON RESISTOR	5	21ET010	50V .01UF CERAMIC CAPACITOR	2	74LS32	QUAD 2 IN OR GATE	1
RA8.2K	1/4W 5% 8.2K OHM CARBON RESISTOR	5	21ET050	50V .047UF CERAMIC CAPACITOR	2	74LS47	BCD TO 7 SEG DECODER/DRIVER OC	1
RA10K	1/4W 5% 10K OHM CARBON RESISTOR	5	21ET100	50V .1UF CERAMIC CAPACITOR	2	74LS86	QUAD EXCLUSIVE OR GATE	1
RA15K	1/4W 5% 15K OHM CARBON RESISTOR	5	23BK233	100V .0033UF MYLAR CAPACITOR	2	120299	PHOTOCELL/RESISTOR PIEZO	1
RA18K	1/4W 5% 18K OHM CARBON RESISTOR	5	23BK333	100V .033UF MYLAR CAPACITOR	2	L51P3C	INFRARED PHOTOTRANSISTOR	2
RA22K	1/4W 5% 22K OHM CARBON RESISTOR	5	23BK422	100V .22UF MYLAR CAPACITOR	2	L53F3BT	INFRARED EMITTING DIODE	2
RA27K	1/4W 5% 27K OHM CARBON RESISTOR	5	23BK433	100V .33UF MYLAR CAPACITOR	2	5MM-LED-GRN	GRN 5MM LED (SCHOOL KITS ONLY)	5
RA33K	1/4W 5% 33K OHM CARBON RESISTOR	5	23BK447	100V .47UF MYLAR CAPACITOR	2	5MM-LED-RED	RED 5MM LED (SCHOOL KITS ONLY)	5
RA47K	1/4W 5% 47K OHM CARBON RESISTOR	5	CEM50-0001	50V 1UF RADIAL CAPACITOR	2	5MM-LED-YEL	YEL 5MM LED (SCHOOL KITS ONLY)	5
RA68K	1/4W 5% 68K OHM CARBON RESISTOR	5	CEM50-0004	50V 4.7UF RADIAL CAPACITOR	2	BLUE 5MM LED	5MM BLUE LED	5
RA82K	1/4W 5% 82K OHM CARBON RESISTOR	5	CEM50-0010	50V 10UF RADIAL CAPACITOR	5	LHG3392	RED/GREEN LED, DIFFUSED	2
RA100K	1/4W 5% 100K OHM CARBON RESISTOR	5	CEM50-0047	50V 47UF RADIAL CAPACITOR	2	SA03-11EWA	COMMON ANODE 7-SEGMENT LED DISPLAY	2
RA220K	1/4W 5% 220K OHM CARBON RESISTOR	5	CEM50-0100	50V 100UF RADIAL CAPACITOR	2	187258	12V DPDT RELAY	1
RA330K	1/4W 5% 330K OHM CARBON RESISTOR	5	CEM50-0330	50V 330UF RADIAL CAPACITOR	2	43LS226	ECON MINI EPOXY 2.2UH CHOKE	1
RA470K	1/4W 5% 470K OHM CARBON RESISTOR	5	CEM50-0470	50V 470UF RADIAL CAPACITOR	2	43LS105	ECON MINI EPOXY 10UH CHOKE	1
RA1.0M	1/4W 5% 1.0M OHM CARBON RESISTOR	5	CEM50-1000	50V 1000UF RADIAL CAPACITOR	2	43LS104	ECON MINI EPOXY 100UH CHOKE	1
RA2.2M	1/4W 5% 2.2M OHM CARBON RESISTOR	5	1N4001	50V 1A RECTIFIER	1	43LS103	ECON MINI EPOXY 1000UH CHOKE	1
RA3.3M	1/4W 5% 3.3M OHM CARBON RESISTOR	5	1N4007	1000V 1A RECTIFIER	1	64-8931	SOLDERABLE PERF BOARD, 1.5" X	2
RA4.7M	1/4W 5% 4.7M OHM CARBON RESISTOR	5	1N34A	GERMANIUM DIODE	1	8013	SPDT ON/NONE/ON TOGGLE SW	1
RA10M	1/4W 5% 10M OHM CARBON RESISTOR	5	1N4148	SWITCHING DIODE	1	R18-29A RED	SPST OFF/(ON) PUSH BUTTON SW	1
18STS500	1/2 WATT POTENTIOMETER	1	1N4728A	1W 3.3V ZENER DIODE	1	10SS002-EV	DPDT SLIDE SWITCH	1
18STS1K	1K OHM 1/2W POTENTIOMETER	1	1N4733A	1W 5.1V ZENER DIODE	1	CKN6091-ND	DIP SWITCH	1
18STS5K	1/4 W PC MOUNT POTENTIOMETER	1	1N4739A	1W 9.1V ZENER DIODE	1	12BC009	9V BATTERY CLIP 6IN LEADS	1
18STS10K	10K OHM 1/2W POTENTIOMETER	1	1N4742A	1W 12V ZENER DIODE	1	26SP08	2" ROUND SPEAKER	1
18STS25K	25K OHM POT	1	1N4749A	1W 24V ZENER DIODE	1	26BZ03	12V BUZZER	1
18STS50K	50K OHM 1/2W POTENTIOMETER	1	PN2222	NPN P1 VR 2N2222 30 V 500MA GP	1	136574	CONDENSOR MICROPHONE	1
18STS100K	100KOHM 1/2W POTENTIOMETER	1	2N3904	NPN P1 40V 100MA GP AMP & SW	1	23618	MEDIUM COMPONENT BOX	1
18STS500K	500K POTENTIOMETER	1	2N3906	PNP P1 40V 100MA GP AMP & SW	1			
18STS1M	1 MEG 1/2 WATT POT	1	2N7000	MOSFET TO - 92 N-CH ENHANCE	1			
21CB005	50V 4.7PF CERAMIC CAPACITOR	2	555	555 TIMER	1			
21CB010	50V 10PF CERAMIC CAPACITOR	2	MC1741CP1	LM741 OP AMP	1			

