

Bill of Materials for MIDI2SDS(X) Component Kit (SML)

Item	Description	Qty	Designator
	CAPACITOR		
1	Wire Link - Capacitor	1	C154
2	100nF Decoupling Capacitor	5	C101, C102, C103, C104, C152
3	10uF 63V Electrolytic	2	C151, C153
	CONNECTOR		
4	3.5mm Mono Panel Socket - Cliff	8	J103, J104, J105, J106, J107, J108, J109, J110
5	5-PIN DIN Panel Socket	1	J102
6	8-pin IC Socket 0.3"	1	U103
7	20-pin IC Socket 0.3"	1	U102
8	28-pin IC Socket 0.3"	1	U101
	CRYSTAL		
9	16MHz Oscillator Module	1	X101
	DIODE		
10	1N4004 200V 1A Diode	2	D151, D152
11	1N4148 Signal Diode	1	D101
	LINEAR		
12	6N138 - Opto-coupler	1	U103

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	LINEAR - continued		
13	MAX528 Octal 8-bit DAC	1	U102
14	ATMEGA8-16PI	1	U101
15	78L05 5V 100mA Fixed Voltage Regulator	1	U104
16	79L05 5V 100mA Fixed Voltage Regulator	1	U105
	INDUCTOR		
17	Single bead inductor	2	L101, L102
	OPTO-ELECTRONIC		
18	3mm Recessed Chrome Red LED	8	D102, D103, D104, D105, D106, D107, D108, D109
	RESISTOR		
19	10R 1% 0.5W Metal Film	1	R151
20	220R 1% 0.5W Metal Film	1	R103
21	1K5 1% 0.5W Metal Film	1	R104
22	10K 1% 0.5W Metal Film	2	R101, R102
23	15K 1% 0.5W Metal Film	1	R108
24	4 x 10K Commoned Resistor Network	1	RN102
25	8 x 2K2 Commoned Resistor Network	1	RN101

