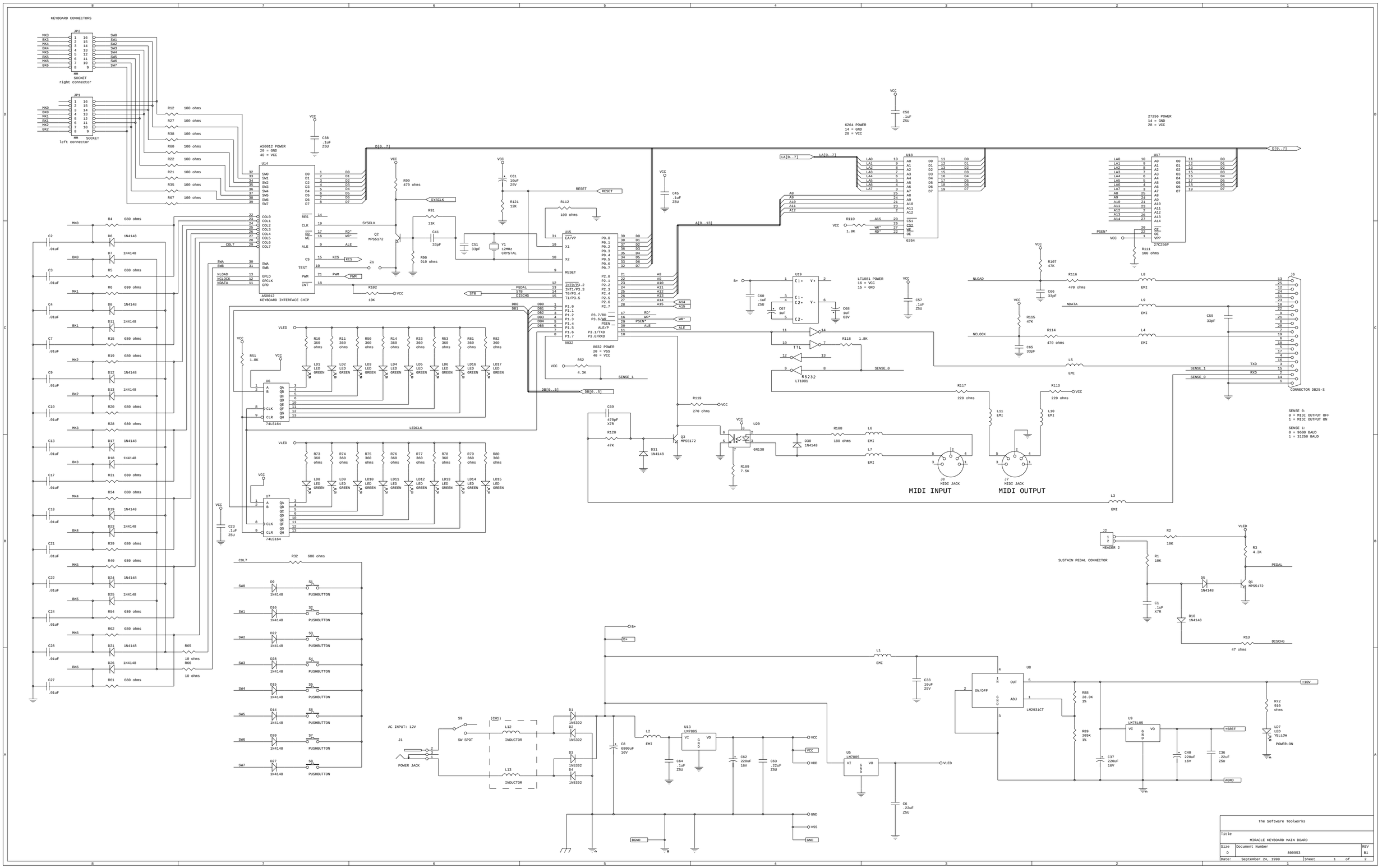
KEYBOARD CONNECTORS
JP2
MM SOCKET
right connector
JP1
MM SOCKET
left connector
AS0012 POWER
20 = GND
40 = VCC
U14
AS0012
KEYBOARD INTERFACE CHIP
U15
8032
8032 POWER
20 = VSS
40 = VCC
6264 POWER
14 = GND
28 = VCC
U18
6264
27256 POWER
14 = GND
28 = VCC
U17
27C256P
LT1081 POWER
16 = VCC
15 = GND
U19
LT1081
U5
74LS164
U7
74LS164
U20
6N138
J8
MIDI JACK
MIDI INPUT
J7
MIDI JACK
MIDI OUTPUT
J6
CONNECTOR DB25-S
SENSE 0:
0 = MIDI OUTPUT OFF
1 = MIDI OUTPUT ON
SENSE 1:
0 = 9600 BAUD
1 = 31250 BAUD
J2
HEADER 2
SUSTAIN PEDAL CONNECTOR
U8
LM2931CT
U9
LM78L05
U13
LM7805
U5
LM7805
AC INPUT: 12V
J1
POWER JACK
S9
SW SPDT
L12
INDUCTOR
L13
INDUCTOR
POWER-ON
The Software Toolworks
Title
MIRACLE KEYBOARD MAIN BOARD
Size D
Document Number 800953
REV B1
Date: September 24, 1990
Sheet 1 of 2