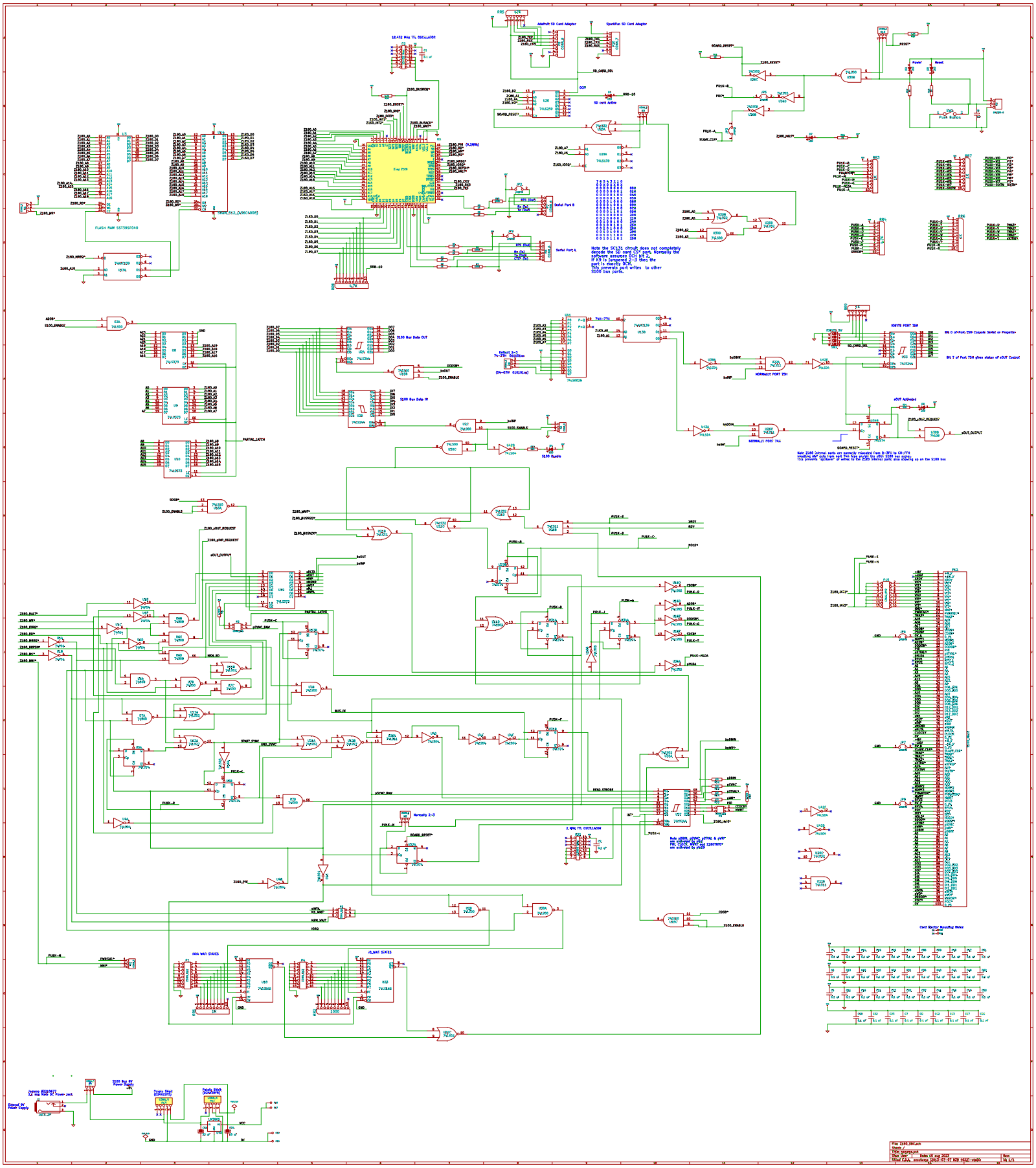
Adafruit SD Card Adapter
SparkFun SD Card Adapter
16.432 MHz TTL OSCILLATOR
Z180 Mini
FLASH RAM SST39SF040
Serial Port B
Serial Port A
Note the DC131 circuit does not completely decode the SD card CS# pin. Normally the software assumes 0C0 bit 2, if 0/0 is jumpered 2-3 then the port is exactly 0C0H. This prevents port writes to other S100 Bus ports.
S100 Bus Data OUT
S100 Bus Data IN
Default 2-3
74-279 DS16166m
(DS-279 DS70510a)
XBUFF PORT 75H
Bit 0 of Port 75H Cappede Serial or Propeller
Bit 7 of Port 75H gives status of sOUT Control
NORMALLY PORT 75H
NORMALLY PORT 76H
S100 Enable
Note Z180 Internal ports are normally mapped from 0-3Fh to C0-FFh
enabling DMA data from port 76H RDY signal for sOUT S100 bus signal.
this prevents "collisions" of writes to the Z180 internal ports also sending so on the S100 bus
Note DEBUG, STATUS, DETAIL & PWR* are activated by PB2
PB3, TCDCR, ADMA* and Z180TMOUT are activated by PB0?
Card Ejector Mounting Holes
INPA WAIT STATES
ALWAIT STATES
Power Input (DC131-2.1)
Power Input (DC131-2.1)
Internal 5V Power Supply
S100 Bus 8V Power Supply
+5V
GND
VCC
Z180_DBC.sch
Sheets /
Title Converter
Size Date Date 15 aug 2003 Rev
Sheet 1 of 1 Rev 1.1