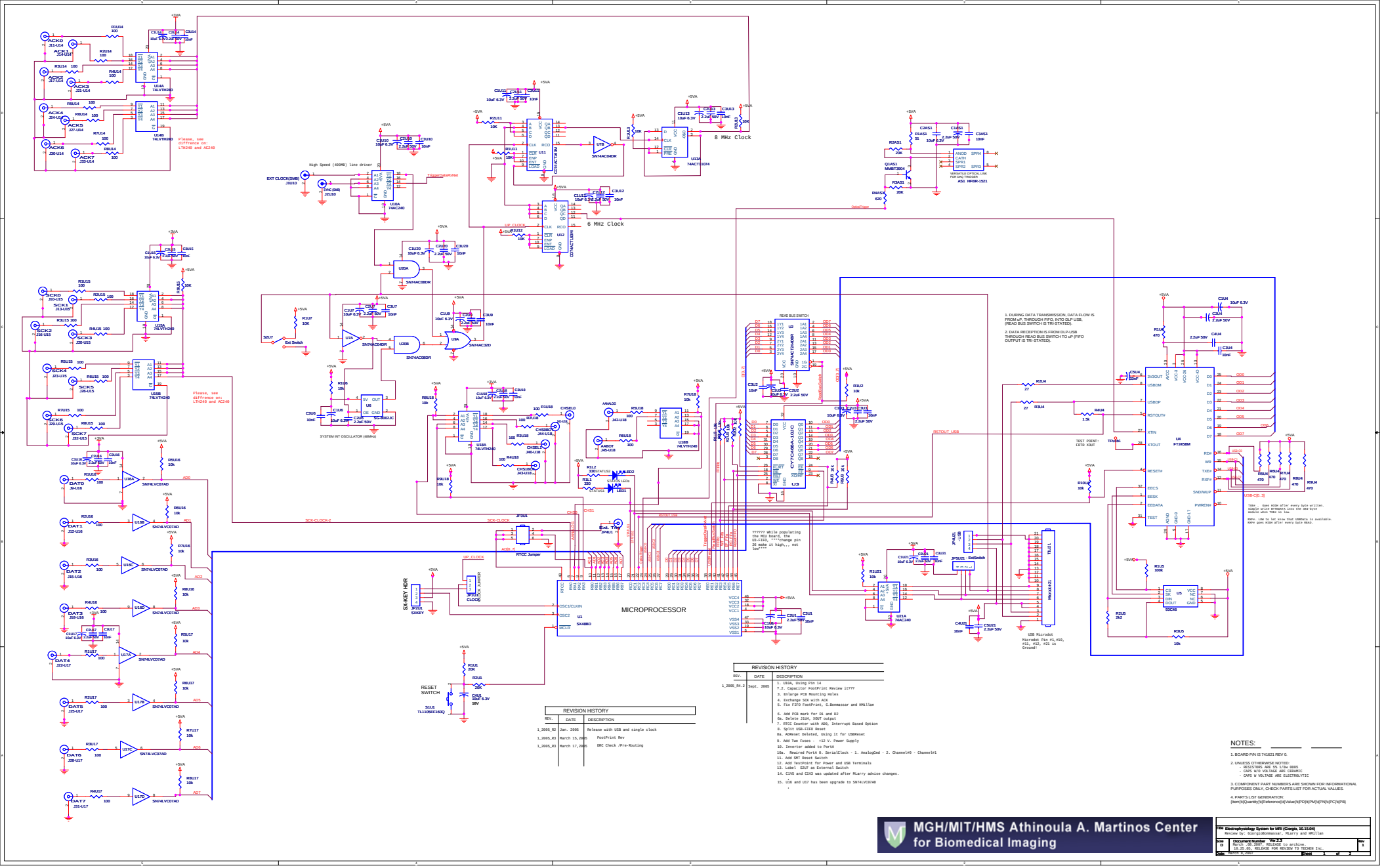


| REVISION HISTORY | | |
|---|---|---|
| REV. | DATE | DESCRIPTION |
| 1_2005_R4.2 | Sept. 2005 | 1. U18A, Using Pin 14<br>7.2. Capacitor FootPrint Review it???<br>3. Enlarge PCB Mounting Holes<br>4. Exchange SCK with ACK<br>5. Fix FIFO FootPrint, S.Bonnassar and HMillan<br>6. Add PCB mark for D1 and D2<br>6a. Delete J10A, XOUT output<br>7. RTCC Counter with ADS, Interrupt Based Option<br>8. Split USB-FIFO Reset<br>8a. AckReset Deleted, Using it for USBReset<br>9. Add Two Fuses - +12 V. Power Supply<br>10. Inverter added to PortA<br>10a. Rewired PortA 0. SerialClock - 1. AnalogCmd - 2. Channel#0 - Channel#1<br>11. Add SMT Reset Switch<br>12. Add TestPoint for Power and USB Terminals<br>13. Label S2U7 as External Switch<br>14. C1V5 and C1V3 was updated after MLarry advise changes.<br>15. U16 and U17 has been upgrade to SN74LVC07AD<br>, |

| REVISION HISTORY | | |
|---|---|---|
| REV. | DATE | DESCRIPTION |
| 1_2005_R2 | Jan. 2005 | Release with USB and single clock |
| 1_2005_R3 | March 15, 2005 | FootPrint Rev |
| 1_2005_R3 | March 17, 2005 | DRC Check /Pre-Routing |

NOTES:

1. BOARD P/N IS 741621 REV 0.

2. UNLESS OTHERWISE NOTED:
   - RESISTORS ARE 1/10W, 1% 0805
   - CAPS W/O VOLTAGE ARE CERAMIC
   - CAPS W VOLTAGE ARE ELECTROLYTIC

3. COMPONENT PART NUMBERS ARE SHOWN FOR INFORMATIONAL PURPOSES ONLY. CHECK PARTS LIST FOR ACTUAL VALUES.

4. PARTS LIST GENERATION:
{Item[N]Quantity[N]Reference(s)Value(s)PCB[N]PM[N]PN[N]PC[N]PB}

MGH/MIT/HMS Athinoula A. Martinos Center for Biomedical Imaging

| | | | |
|---|---|---|---|
| Title | Electrophysiology System for MRI (Cingo, 10.15.04) | | |
| | Review by: GiorgioBonmassar, MLarry and HMillan | | |
| Size | Document Number | Ver 2.3 | Rev |
| D | Rev:10 05.2005, RELEASE to archive.<br>10.25.05, RELEASE FOR REVIEW TO TECHEN Inc. | | 1 |
| Date: | March 9, 2007 | Sheet 1 of 2 | |