

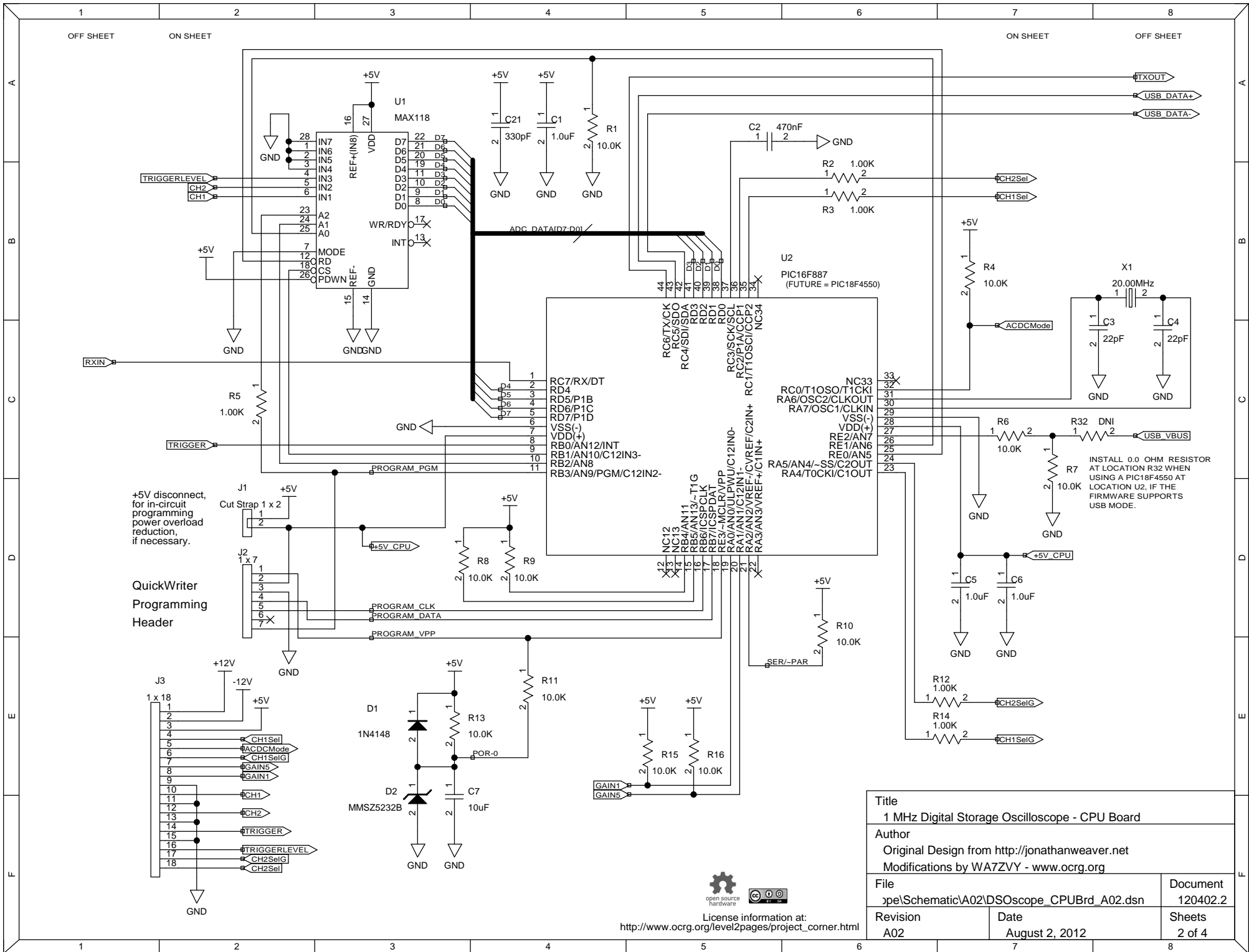
1 MHz Digital Storage Oscilloscope

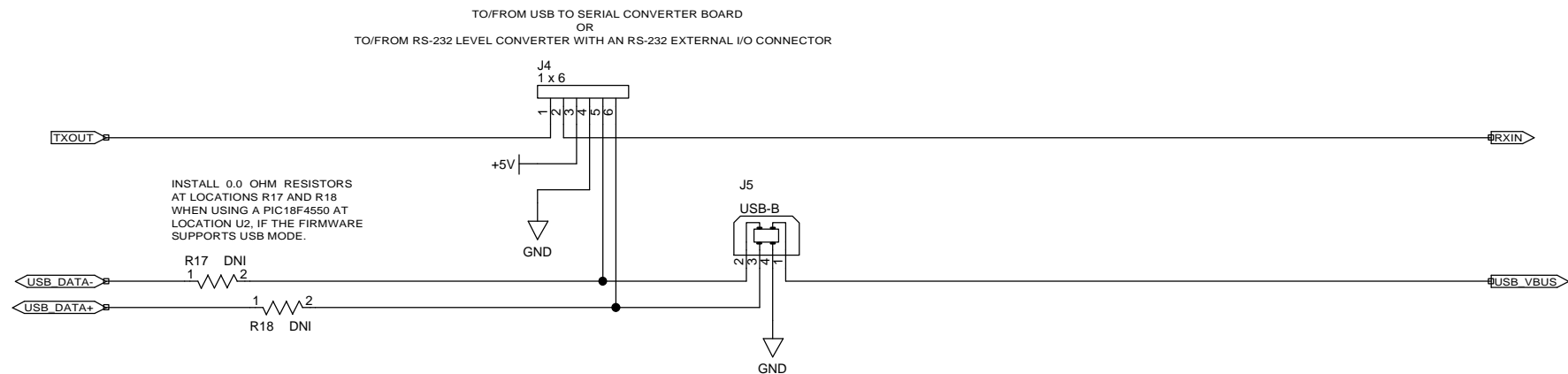
DSOscope CPU Board



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Title 1 MHz Digital Storage Oscilloscope - CPU Board		
Author Original Design from http://jonathanweaver.net Modifications by WA7ZVY - www.ocrg.org		
File ype\Schematic\A02\DSOscope_CPUBrd_A02.dsn	Document 120402.2	
Revision A02	Date August 2, 2012	Sheets 1 of 4





THE ITEMS IN THIS COLUMN ARE USED TO HEATSINK MOUNT U3, THE 7805 VOLTAGE REGULATOR, TO THE BOTTOM PAN OF THE CABINET.

BOM_1
Cabinet Aluminum 4.0"x2.2"x1.6"

BOM_2
Feet - Bumpons

BOM_3
Feet - Bumpons

BOM_4
Feet - Bumpons

BOM_5
Feet - Bumpons

BOM_6
BNC Jack 50 Ohm Panel Mount

BOM_7
BNC Jack 50 Ohm Panel Mount

BOM_8
RG174/U Cable - Cut to Length 4.5"

BOM_9
RG174/U Cable - Cut to Length 4.5"

BOM_10
Card Guide - Custom

BOM_11
Card Guide - Custom

BOM_12
Top Cabinet Label - Custom

BOM_13
Front Cabinet Label - Custom

BOM_14
Rear Cabinet Label - Custom

BOM_15
4-40 x 0.625 PAN HEAD SCREW

BOM_16
4-40 HEX NUT

BOM_17
4-40 HEX NUT

U3 7805 REGULATOR TAB IN STACK HERE

BOM_18
No. 4 INTERNAL TOOTH LOCK WASHER

BOM_19
4-40 HEX NUT

BOM_20
4-40 HEX NUT

CABINET BOTTOM PAN IN STACK HERE

THIS NUT APPLIED LAST FROM OUTSIDE OF CABINET WHEN FULLY ASSEMBLED.

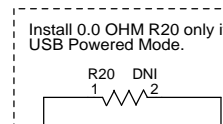
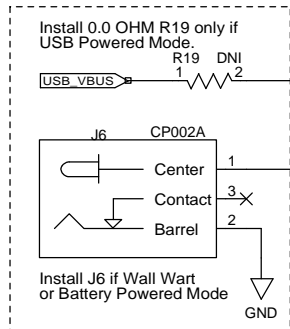
BOM_21
4-40 HEX NUT



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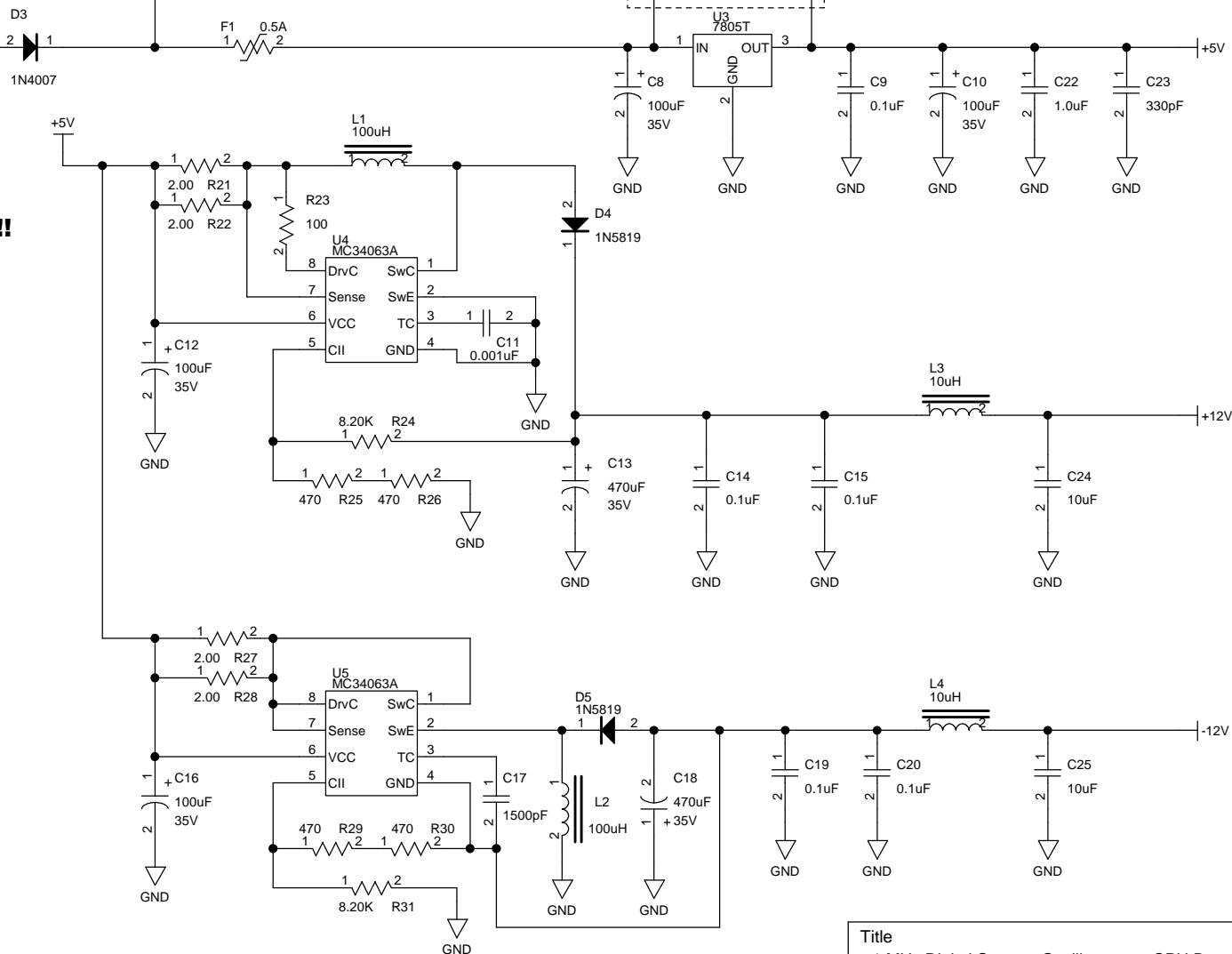
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File c:\pe\Schematic\A02\DSOscope_CPUBrd_A02.dsn	Document 120402.1	
Revision A02	Date August 2, 2012	Sheets 3 of 4

!!! INSTALL EITHER R19 OR J6 BUT NOT BOTH !!!



!!! IMPORTANT NOTE !!!

DO NOT INSTALL J6, OR APPLY POWER TO J6 CONNECTOR, IF USING USB POWERED MODE. APPLYING POWER TO J6 WHEN USING USB POWERED MODE WILL DAMAGE THE ATTACHED COMPUTER OR DEVICE !!!



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