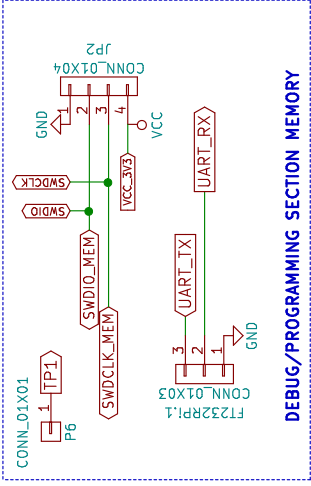


ABEX PCI EXPRESS CARD CONNECTOR 64 PIN

0877159106

A31 is +5VDC. We do not need here



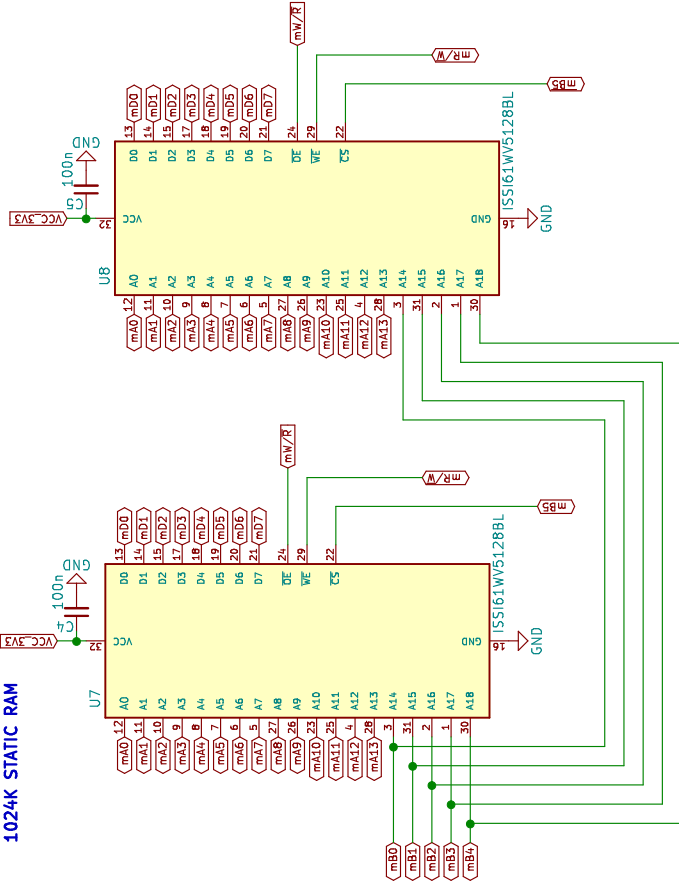
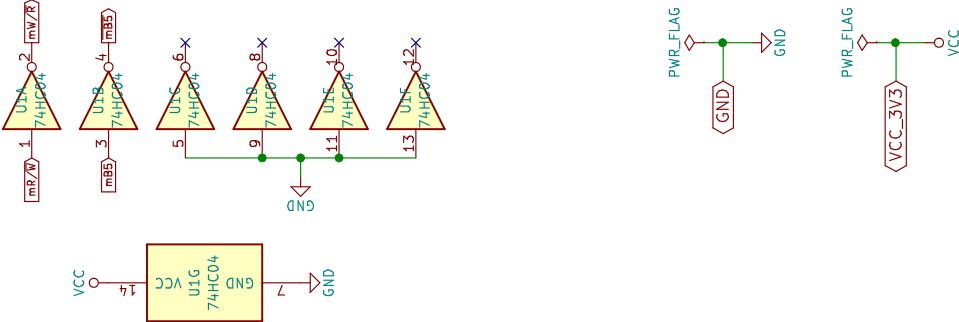
ION MEMORY

Sheet: /
File: abex-megaram.sch

Size: A4	Date: 2019-04-06
KiCad E.D.A.	kiCad 4.0.2+dfsg1-stable

EXTENDED BUS PINS ARE CONNECTED IN THE SLOT BUT LEFT UNTRACKED

INVERTER LOGIC FOR SEPARATED READ/WRITE ACCESS



EXTERNAL RAM ACCESS WILL ASSERT THE EXTSEL SIGNAL (code)

For ABEX Bus Extender
Level Shifters and Memory SRAM Connections
BUS ADAPTERS AND MEMORY LAYOUT
RetroBit Lab

Sheet: /Static RAM/
File: sram-levelshifters.sch

Title: STATIC RAM 1 MByte (512K x 8 x 2)

Size: A4 Date: 2019-04-06

KiCad E.D.A. kicad 4.0.2+dfsg1-stable

Rev. 1.0

Id: 2/3



For ABEX Bus Extender
STM32F407 for RAM PORTB PIA Emulation
MEMORY EXPANSION MPU Interface

RetroBit Lab

Sheet: /MCU_MEMORY/
File: memory_controller.sch

Title: MCU STM32F407VET6 MEMORY CONTROLLER

Size: A4	Date: 2019-04-06	Rev: 1.0
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KiCad E.D.A. kicad 4.0.2+dfsq1-stable

Rev: 1.0

Id: 3/3