MEMBIRD – WOODCOCK

A VMEbus RAM card, for use in modular computers.
- 3U P1 16-bit VME interface
- 5V or 3.3V Static RAM (populate different logic chips based on RAM requirements)
- 4MB maximum SRAM using 512k x 16bit chips
- Supports A24 + D8O, D8E, D16 bus cycles
- Does not currently support A40/MD32

Bus
File: Bus.kicad_sch

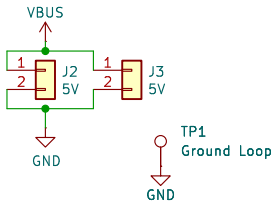
Logic
File: Logic.kicad_sch

Transceivers
File: Transceivers.kicad_sch

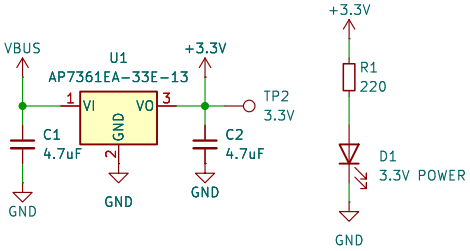
Memory
File: Memory.kicad_sch

S1
Symbol:OSHW-Symbol_6.6x6mm_SilkScreen

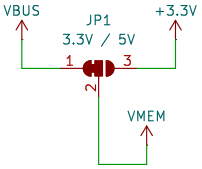
POWER TESTPOINTS



3.3V REGULATOR



MEMORY & LOGIC VOLTAGE SELECT



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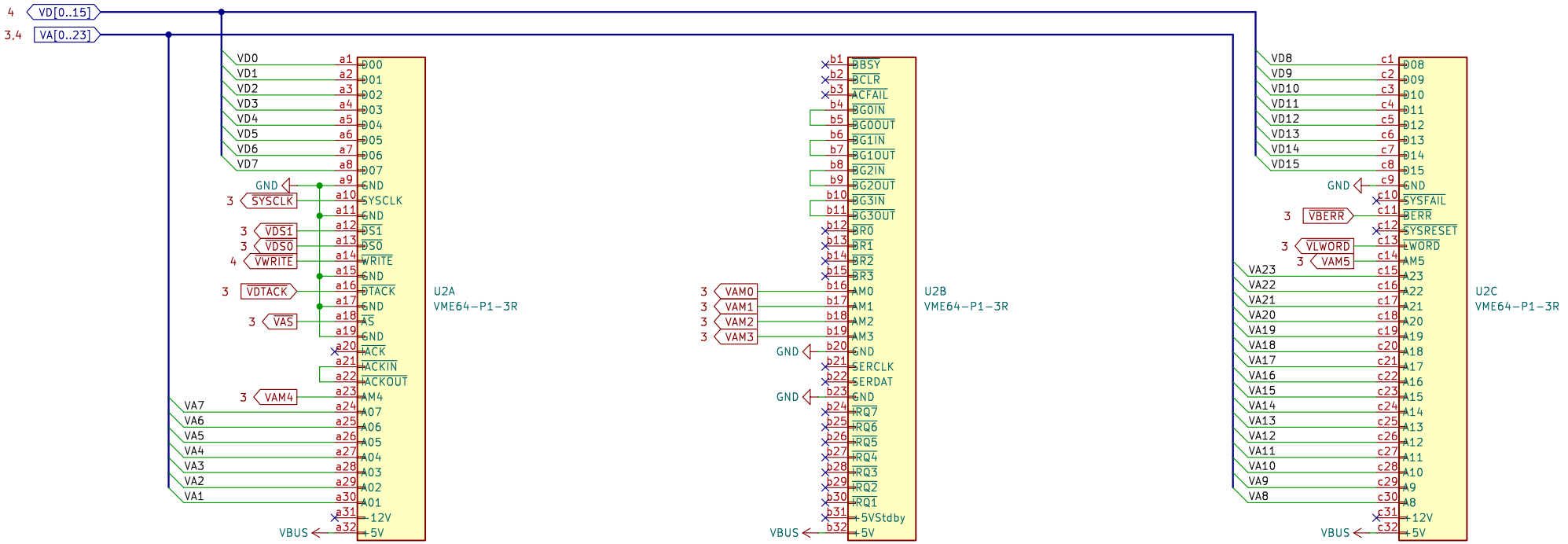
Size: A4	Date:	**Rev: 1**
KiCad E.D.A. 8.0.6		Id: 1/5



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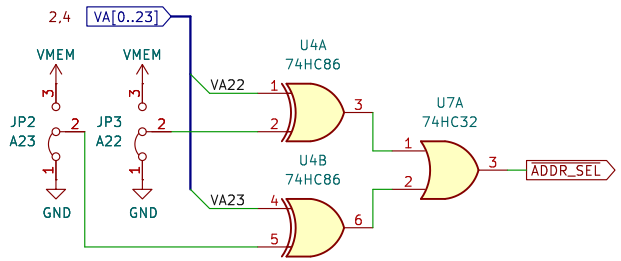
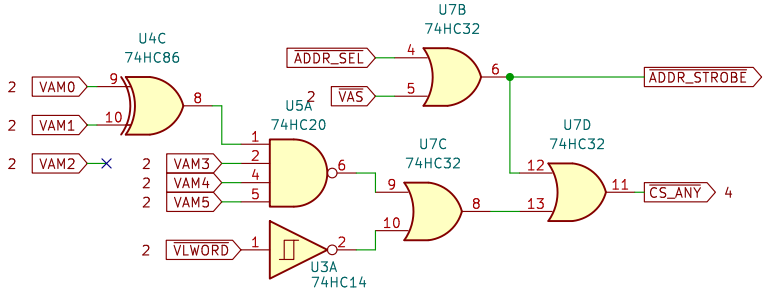
Title: MemBird – Woodcock

Size: A4	Date:	**Rev: 1**
KiCad E.D.A. 8.0.6		Id: 2/5

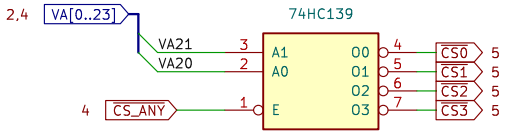
CARD ADDRESSING



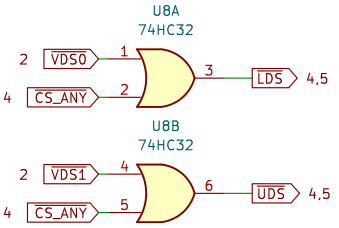
CARD SELECT STROBE



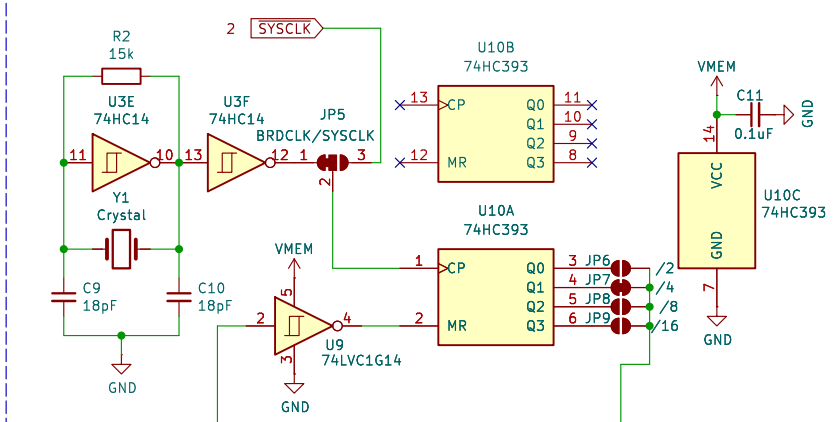
MEMORY CHIP SELECTS



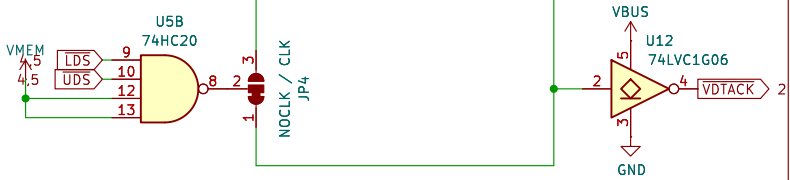
UPPER/LOWER DATA STROBE



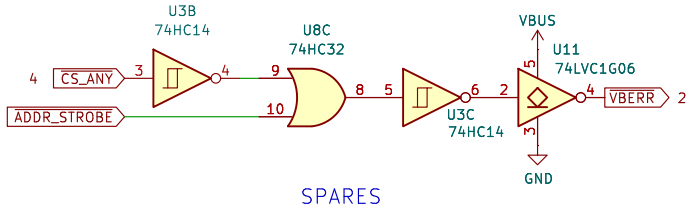
OPTIONAL DTACK TIMER



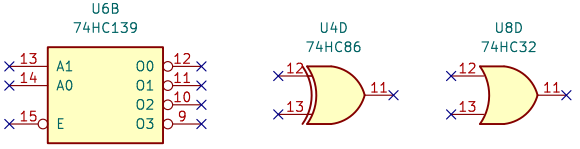
DTACK RESPONSE

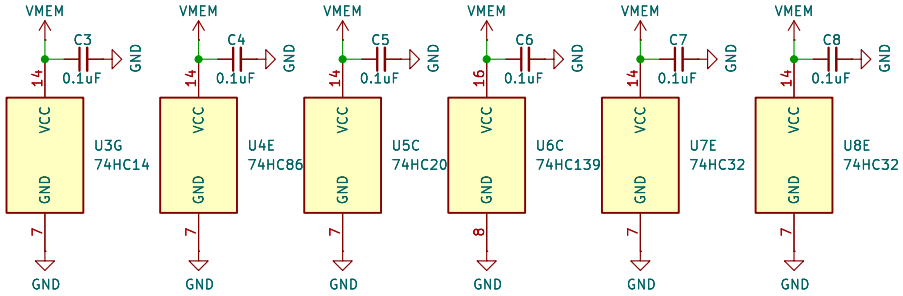


BERR IF CYCLE NOT SUPPORTED



SPARES





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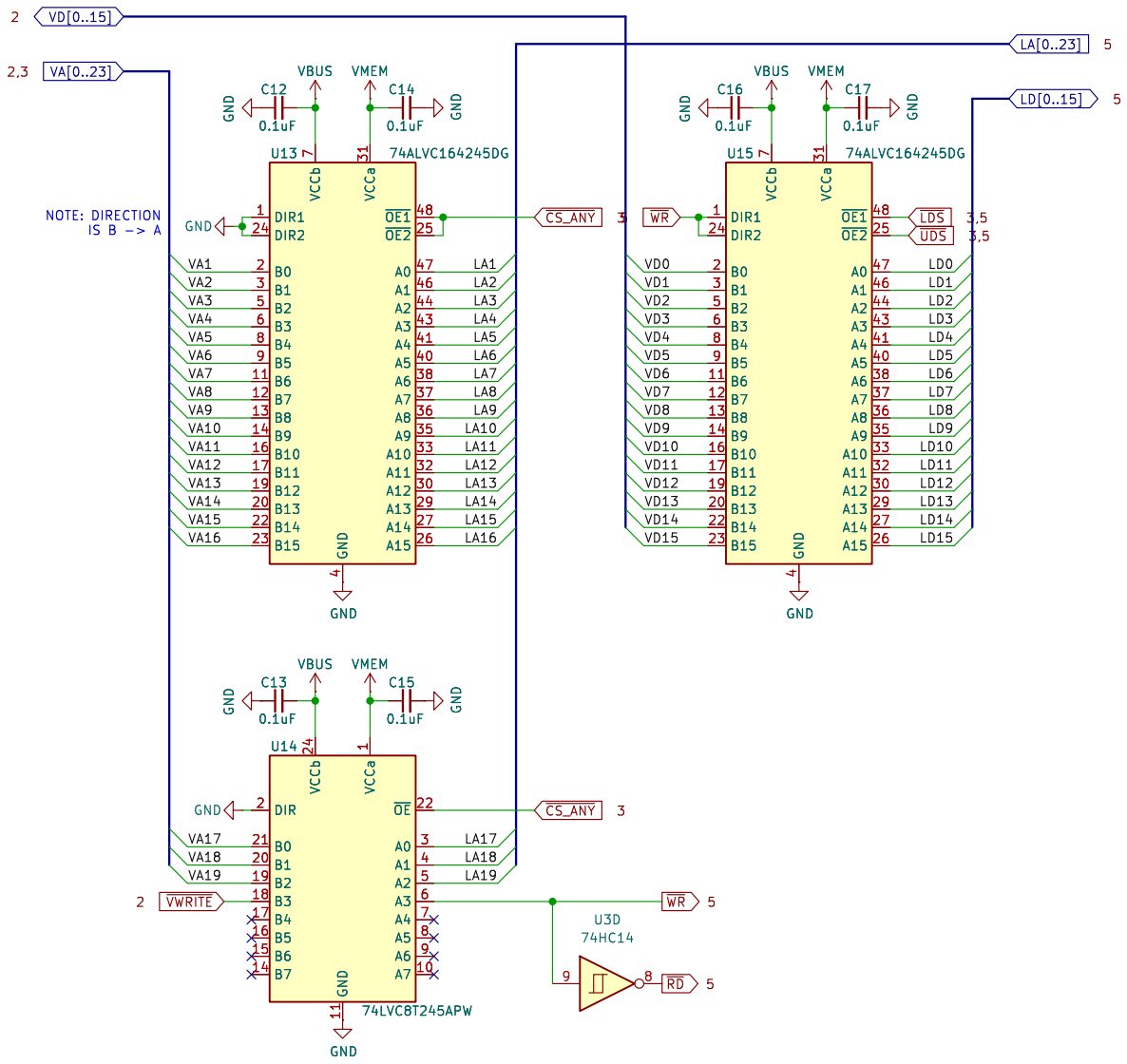
KiCad E.D.A. 8.0.6		Id: 3/5



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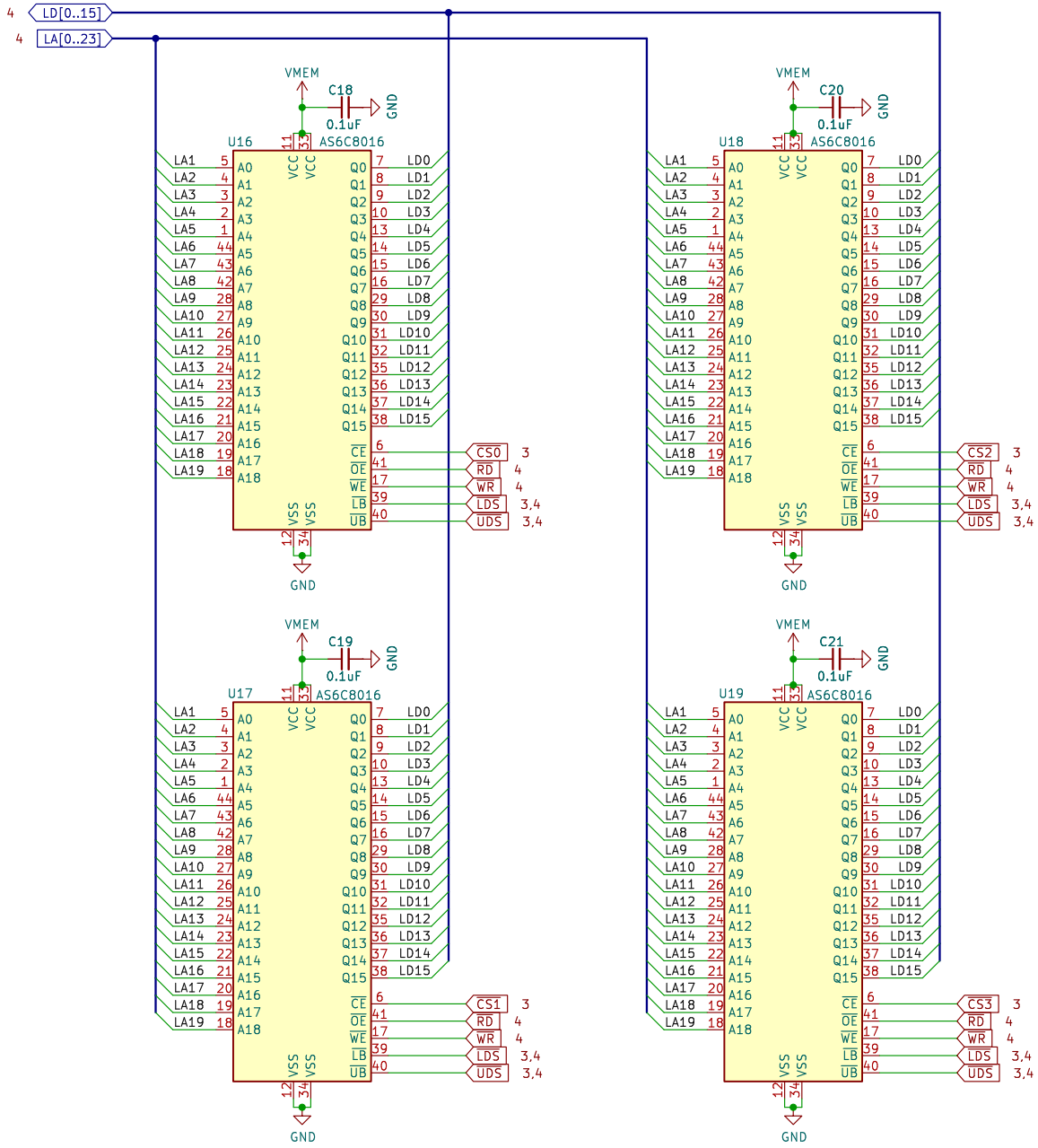

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