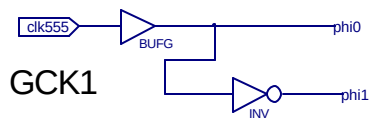
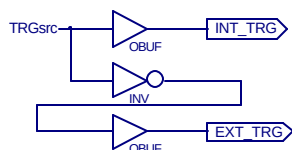
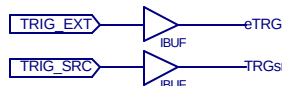
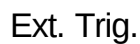


[RADEFETR top] Page 1

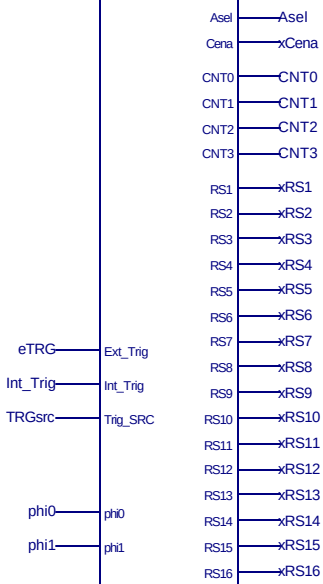
Radiation FET Reader (RadFETR) Top
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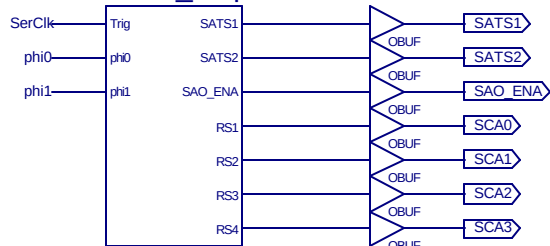
Page 3



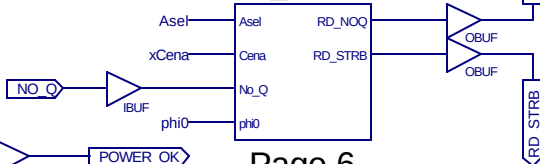
LEDs



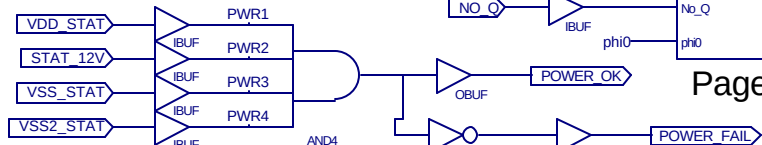
Page 2



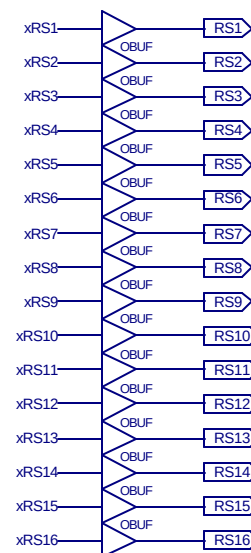
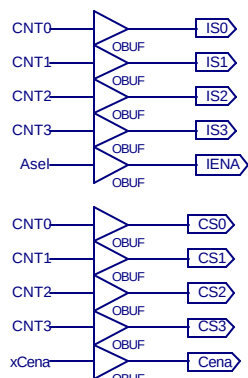
Page 4



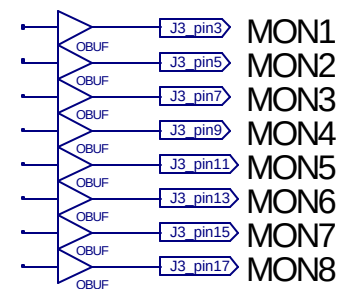
Page 6



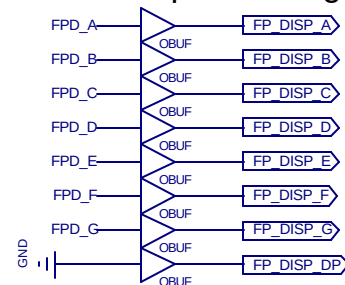
RADFET Select



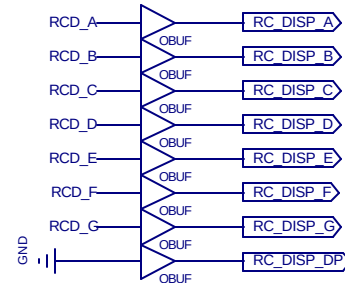
Monitor Connector



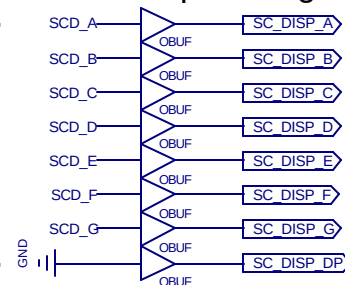
Front-panel 7-segment



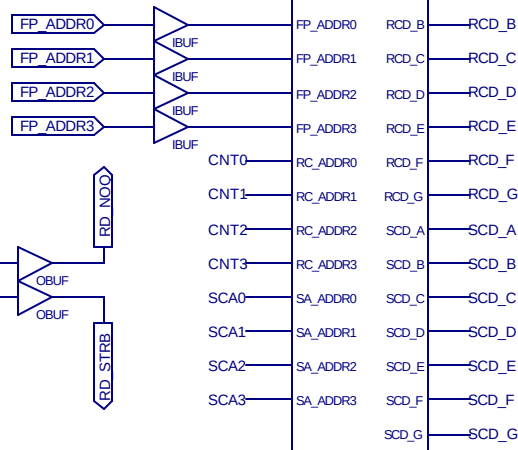
RadFET channel 7-segment



Serial Output 7-segment

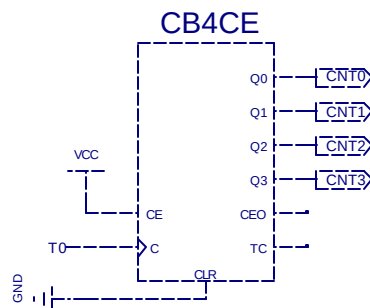
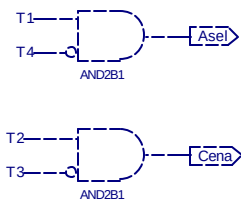


seg7gen

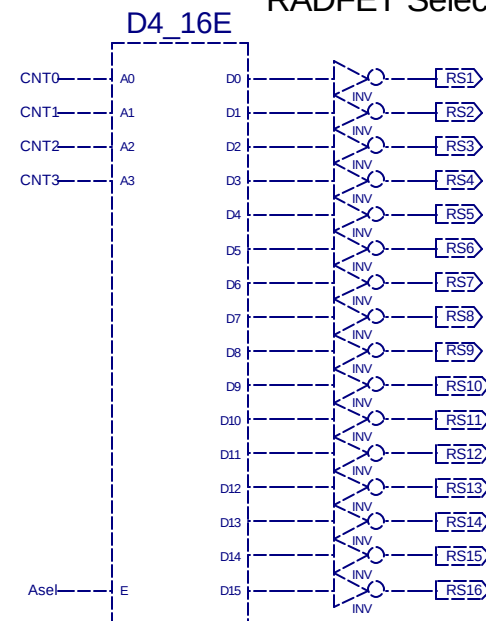


Page 5

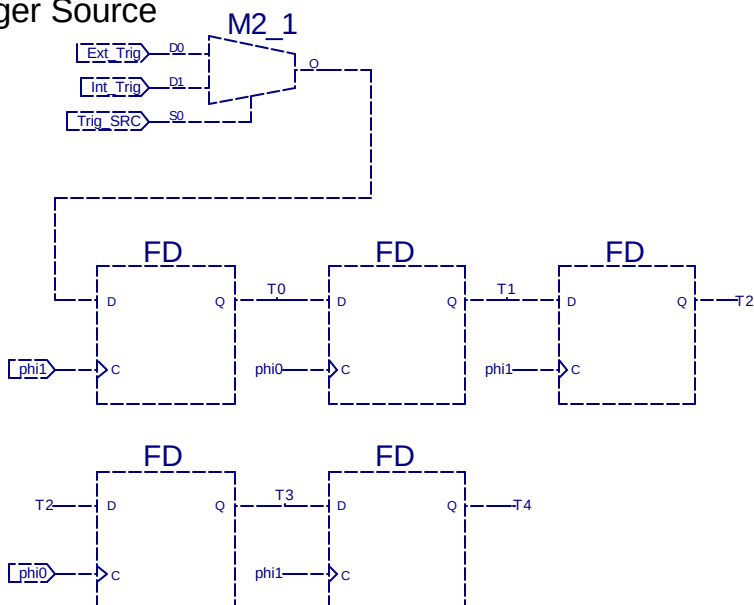
Action States



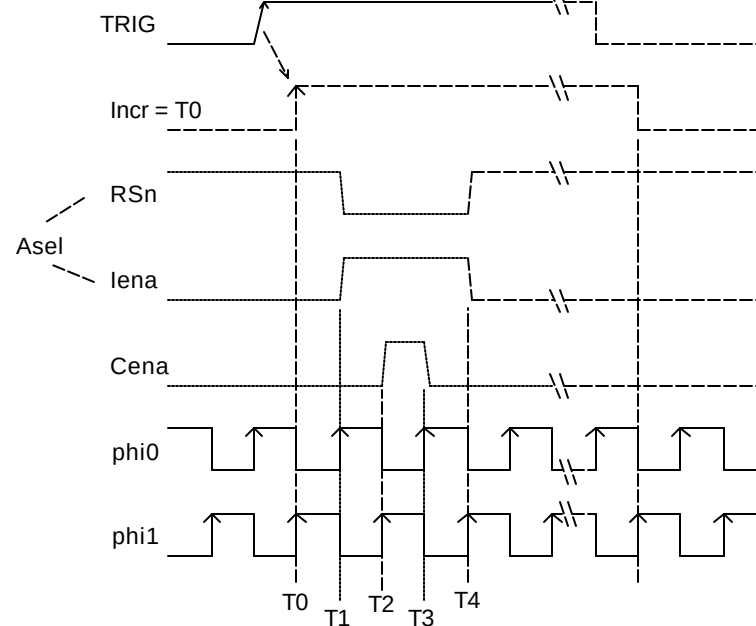
RADFET Select



Trigger Source



Timing Diagram

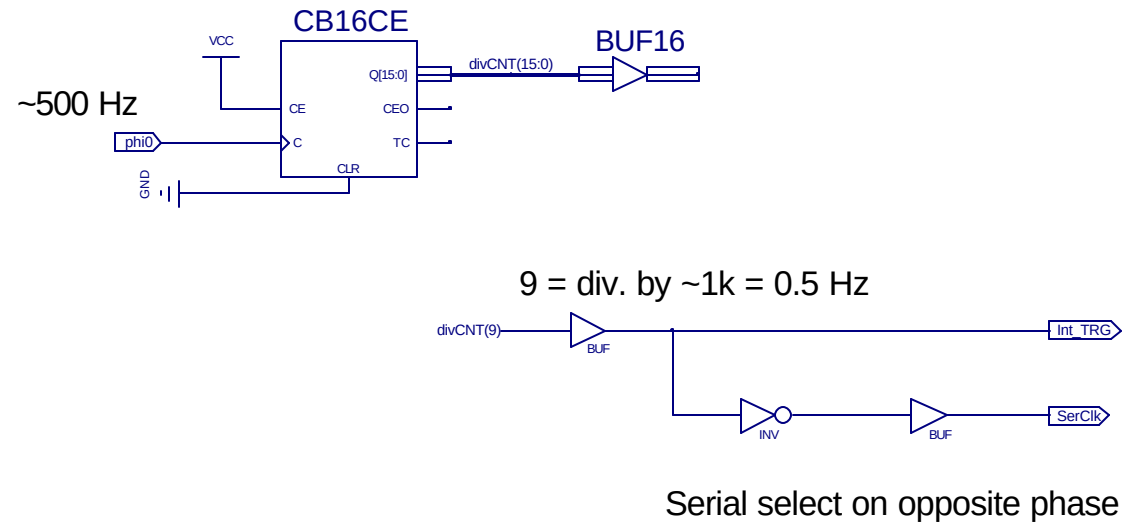


[Sample_SEQ]

Page 2

RadFET Reader Sample Sequencer
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Frequency selector



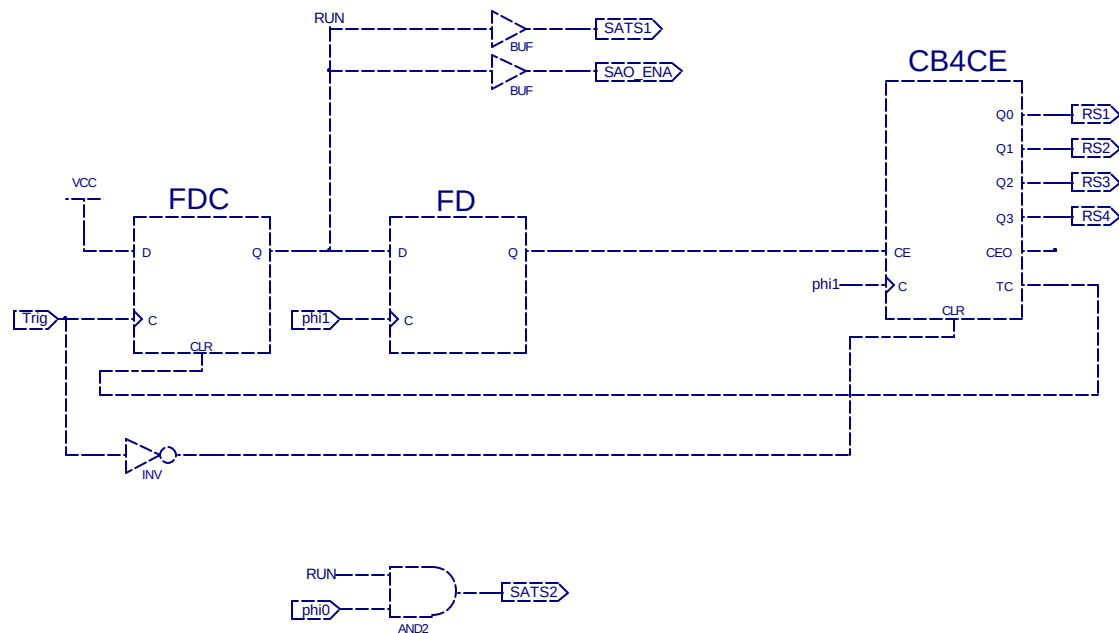
[Throttle]

Page 3

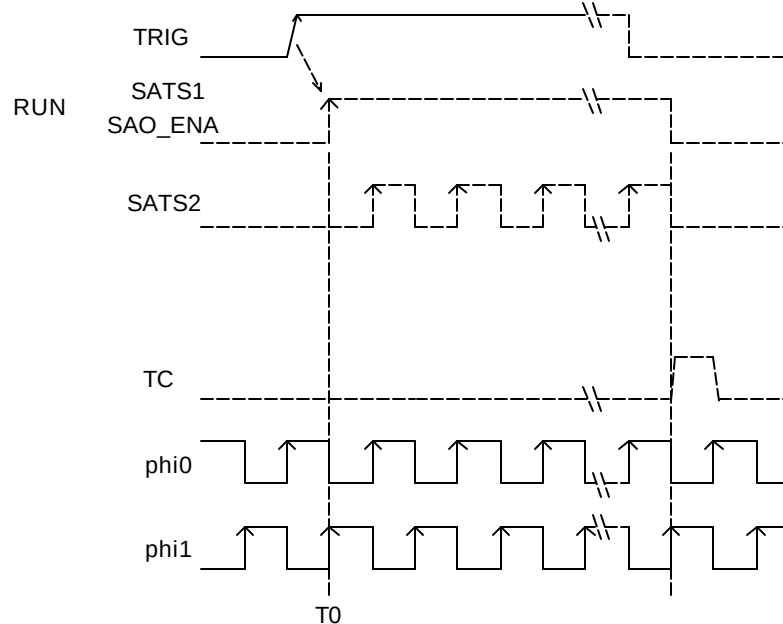
RadFET Sampling Rate Selector Block
25 MAY 04 - Instr. Dev. Lab. GSV/JWK

Ext. Trig.

RADFET Select



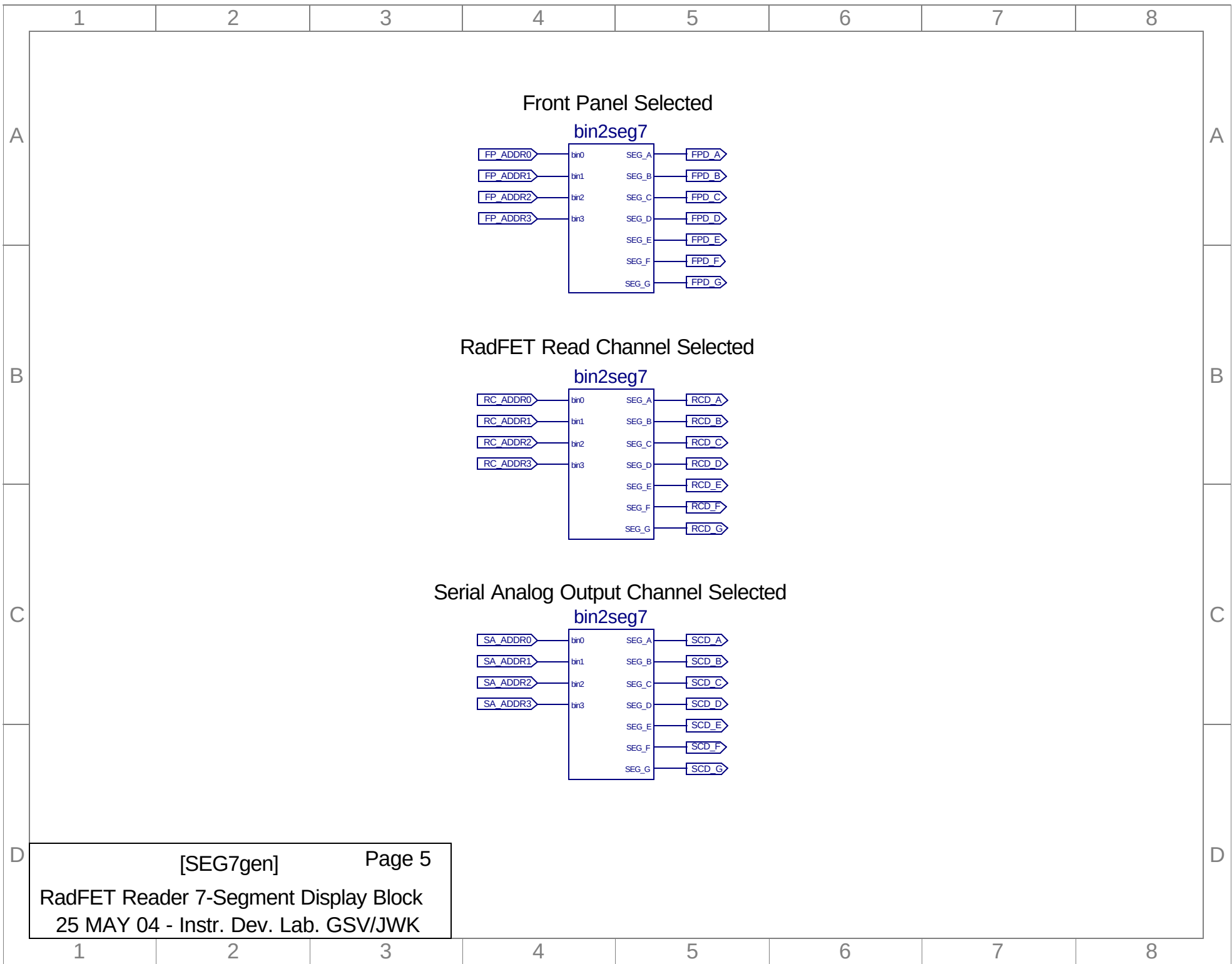
Timing Diagram



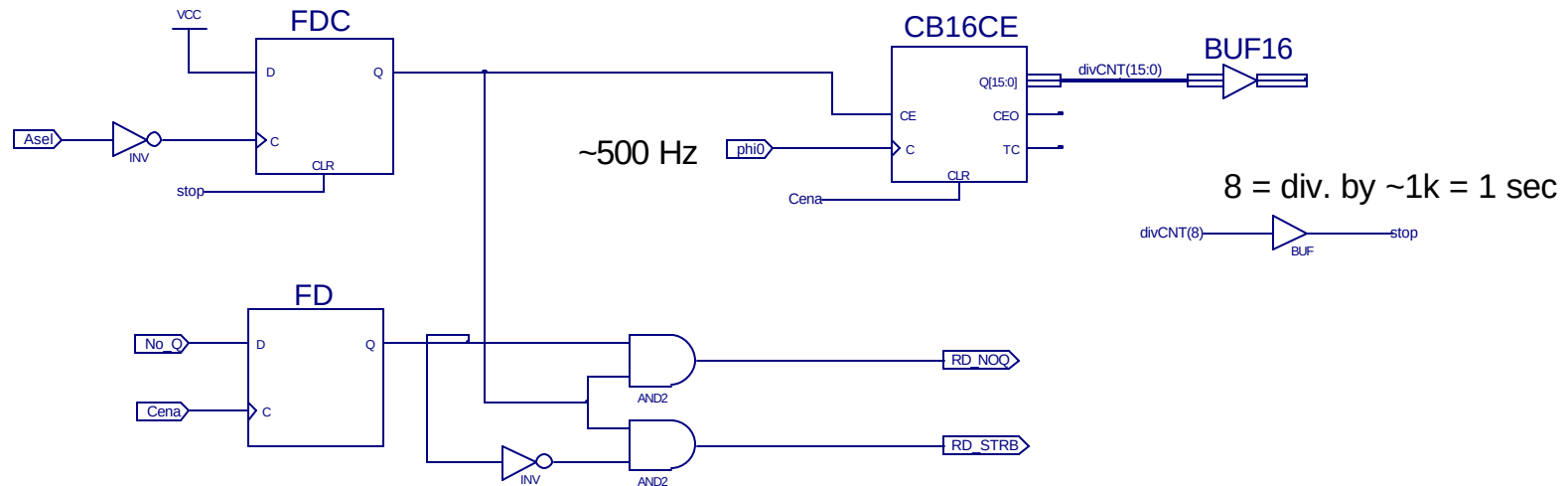
[Serial_SEQ]

Page 4

RadFET Reader Serial Readout SEQ
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Frequency selector



[Viz_strobe]

Page 6

makes RadFET read Strobe visible
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[bin2seg7]

Page 7

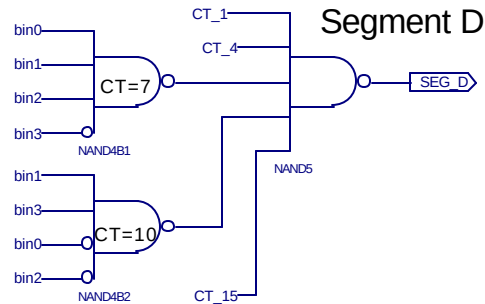
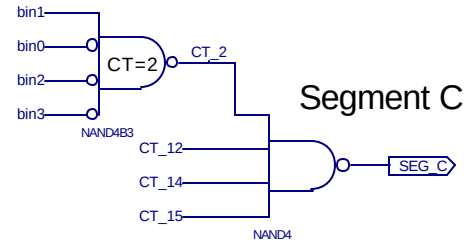
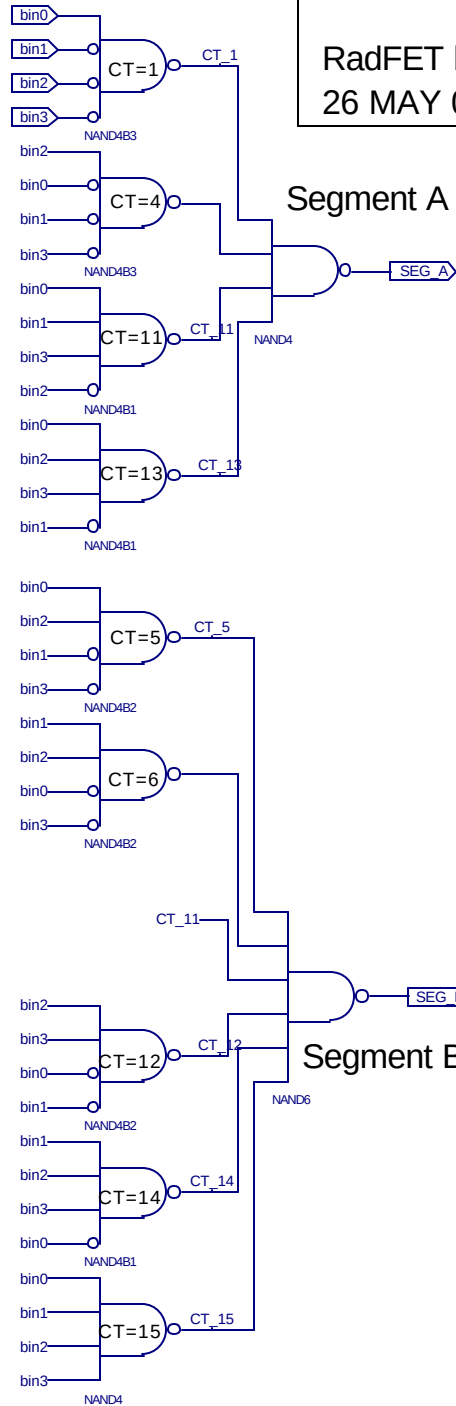
RadFET binary to 7-segment converter
26 MAY 04 - Instr. Dev. Lab. GSV/JWK

A

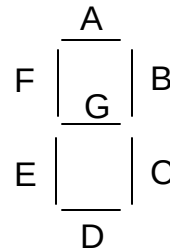
B

C

D



7-Segment Display



A

B

C

D

