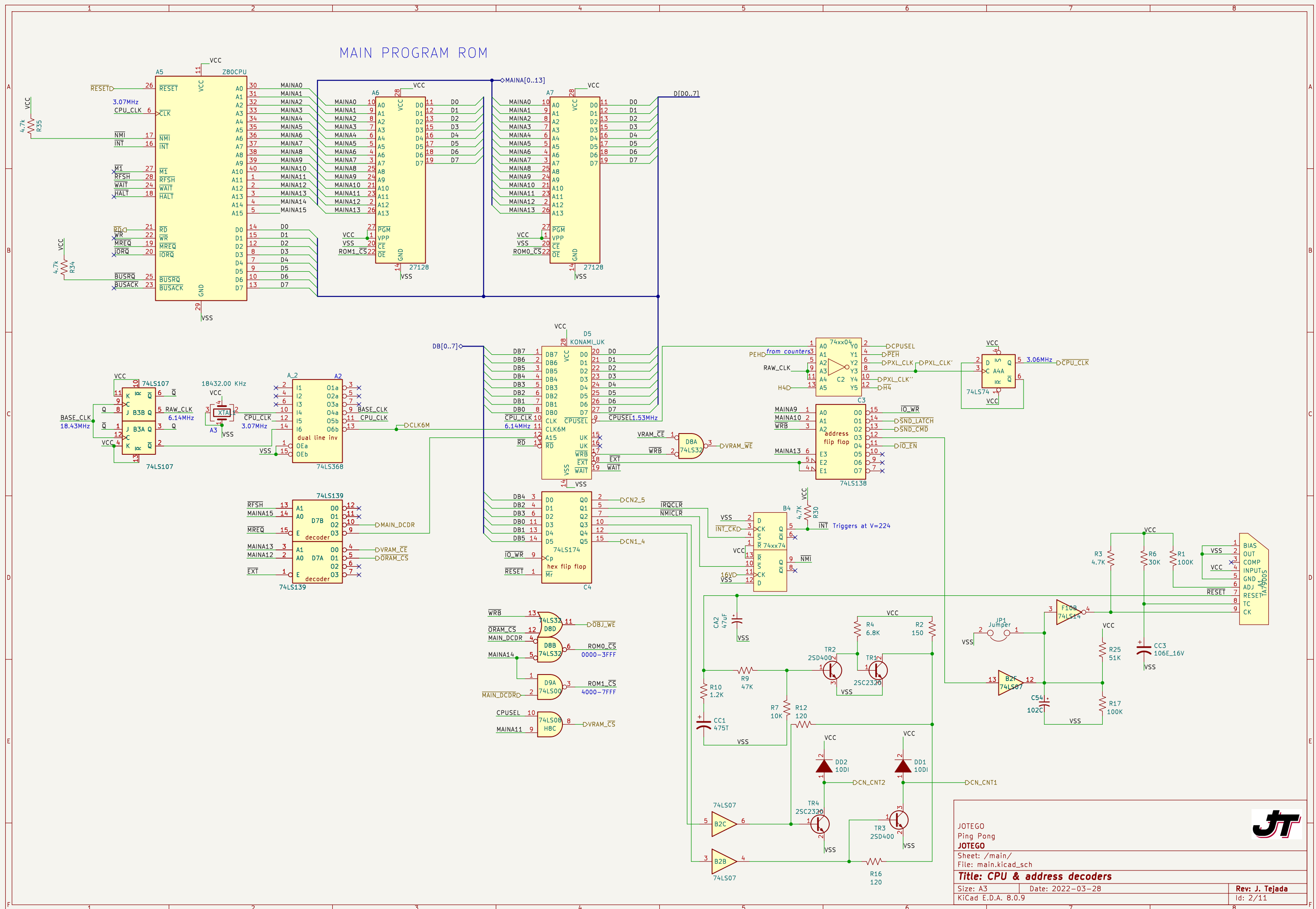


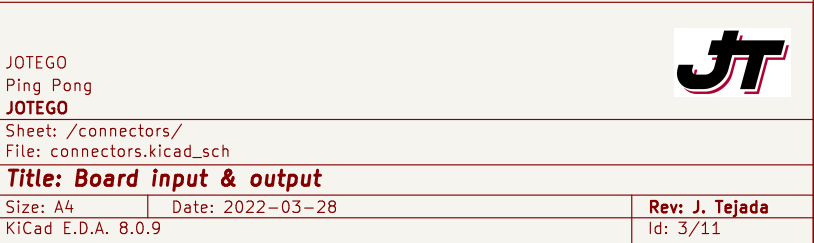
JOTEGO  
Ping Pong  
JOTEGO  
Sheet: /  
File: pingpong.kicad\_sch  
**Title: Ping Pong**

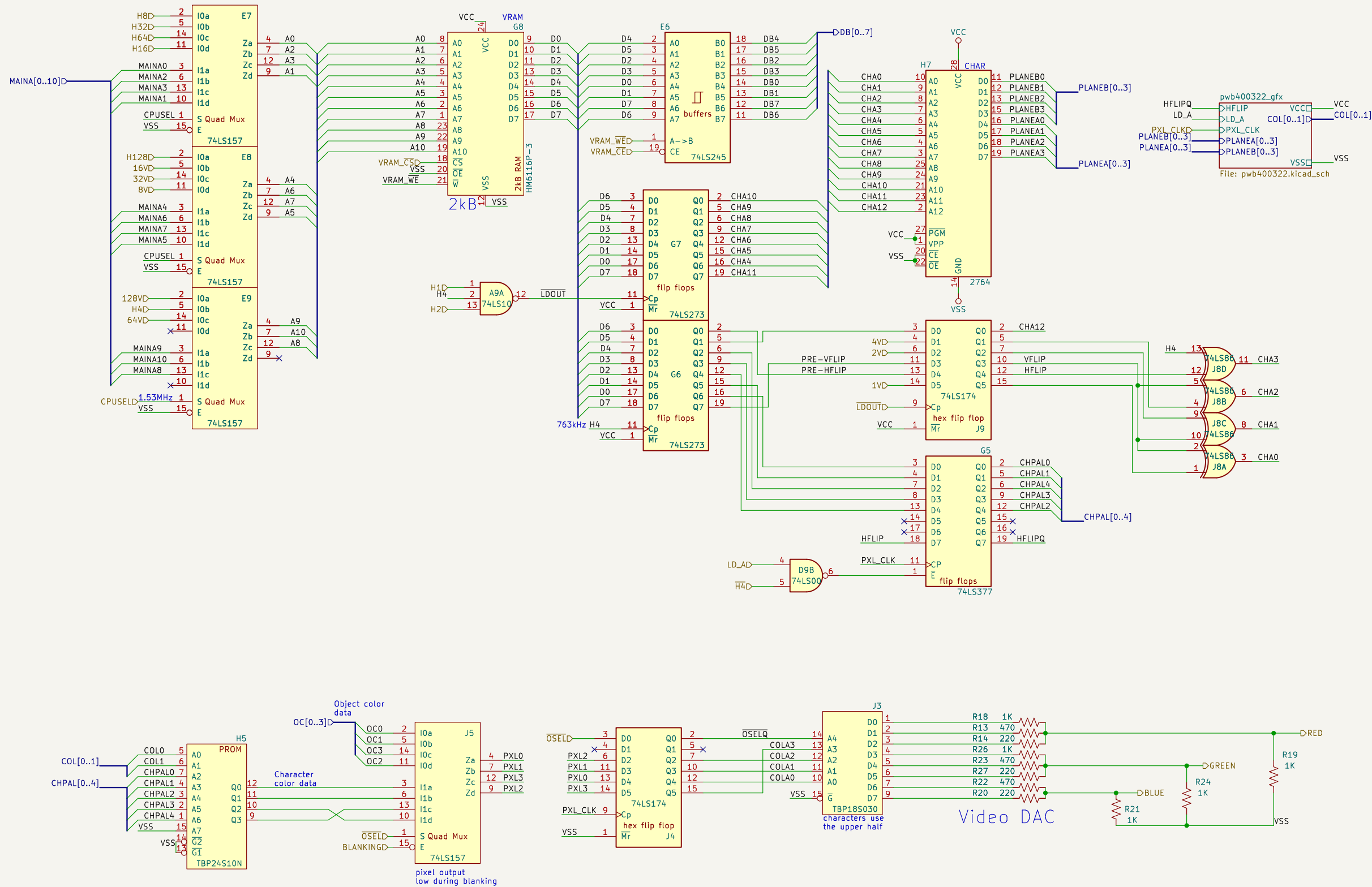
Size: A4 Date: 2022-03-28  
KiCad E.D.A. 8.0.9 Rev: J. Tejada  
Id: 1/11



**GX555**







JOTEGO  
Ping Pong  
JOTEGO

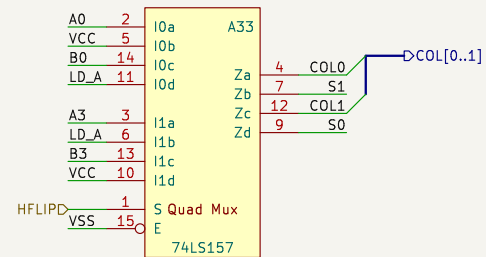
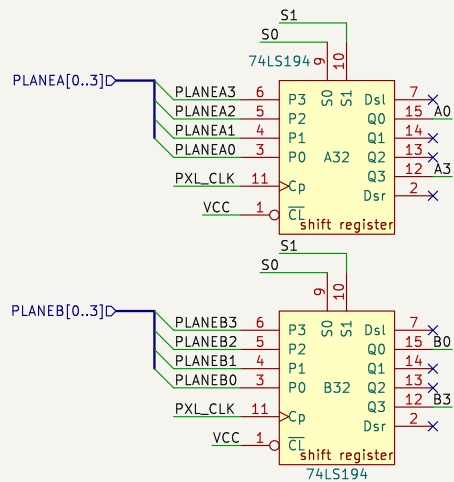
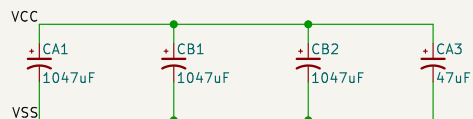
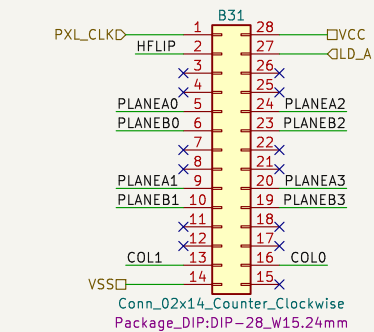
Sheet: /gfx/  
File: gfx.kicad\_sch

**Title: Character generator**

Size: A3 Date: 2022-03-28  
KiCad E.D.A. 8.0.9

Rev: J. Tejada  
Id: 4/11





This is a small board soldered to a DIP-28 footprint.  
It appears twice in the design

**PWB-400322**

JOTEGO  
Ping Pong  
JOTEGO



Sheet: /gfx/pwb400322\_gfx/  
File: pwb400322.kicad\_sch

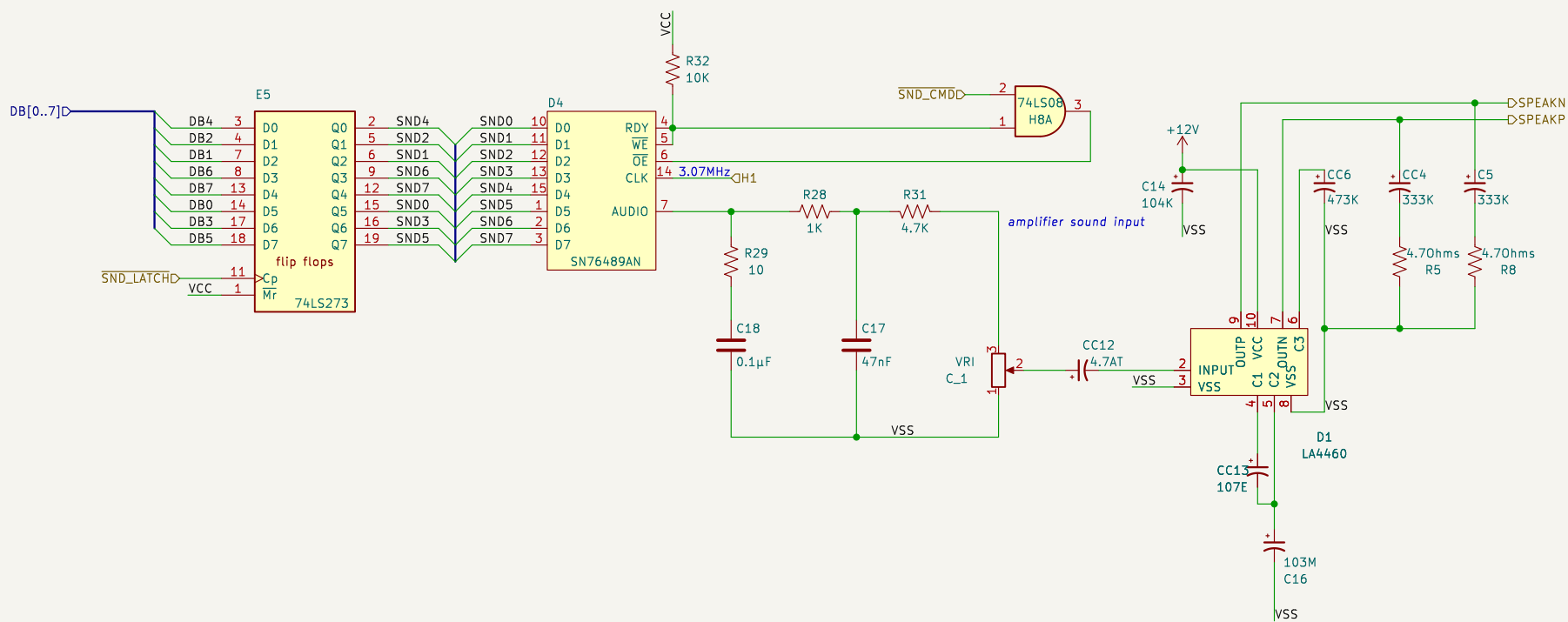
**Title: Pixel shift register**

Size: A4 Date: 2022-03-28

KiCad E.D.A. 8.0.9

Rev: J. Tejada

Id: 5/11



JOTEGO  
Ping Pong  
JOTEGO

Sheet: /sound/  
File: sound.kicad\_sch

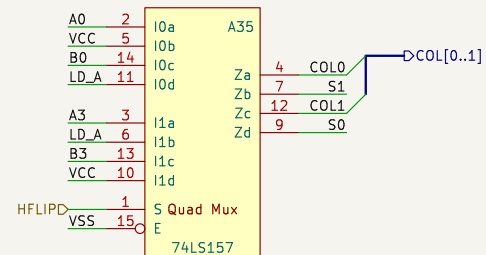
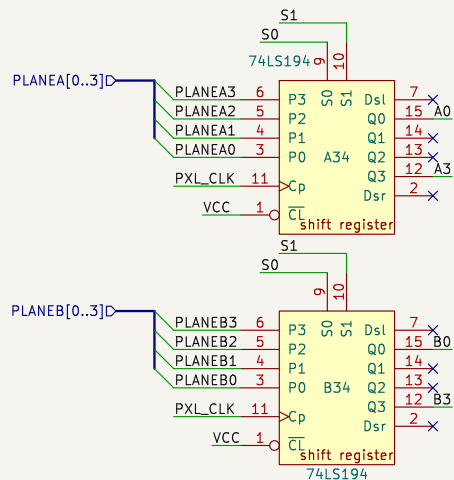
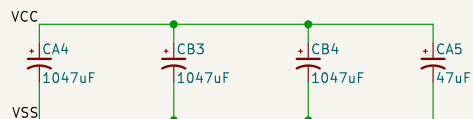
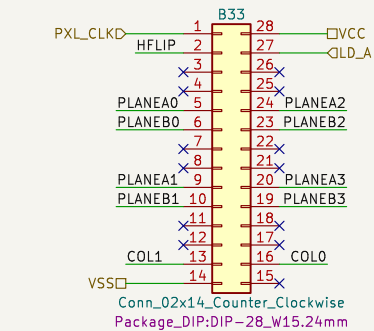
**Title: Sound generator**

Size: A4 Date: 2022-03-28  
KiCad E.D.A. 8.0.9

Rev: J. Tejada  
Id: 6/11







This is a small board soldered to a DIP-28 footprint.  
It appears twice in the design

**PWB-400322**

JOTEGO  
Ping Pong  
JOTEGO



Sheet: /object/pwb400322/  
File: pwb400322.kicad\_sch

**Title: Pixel shift register**

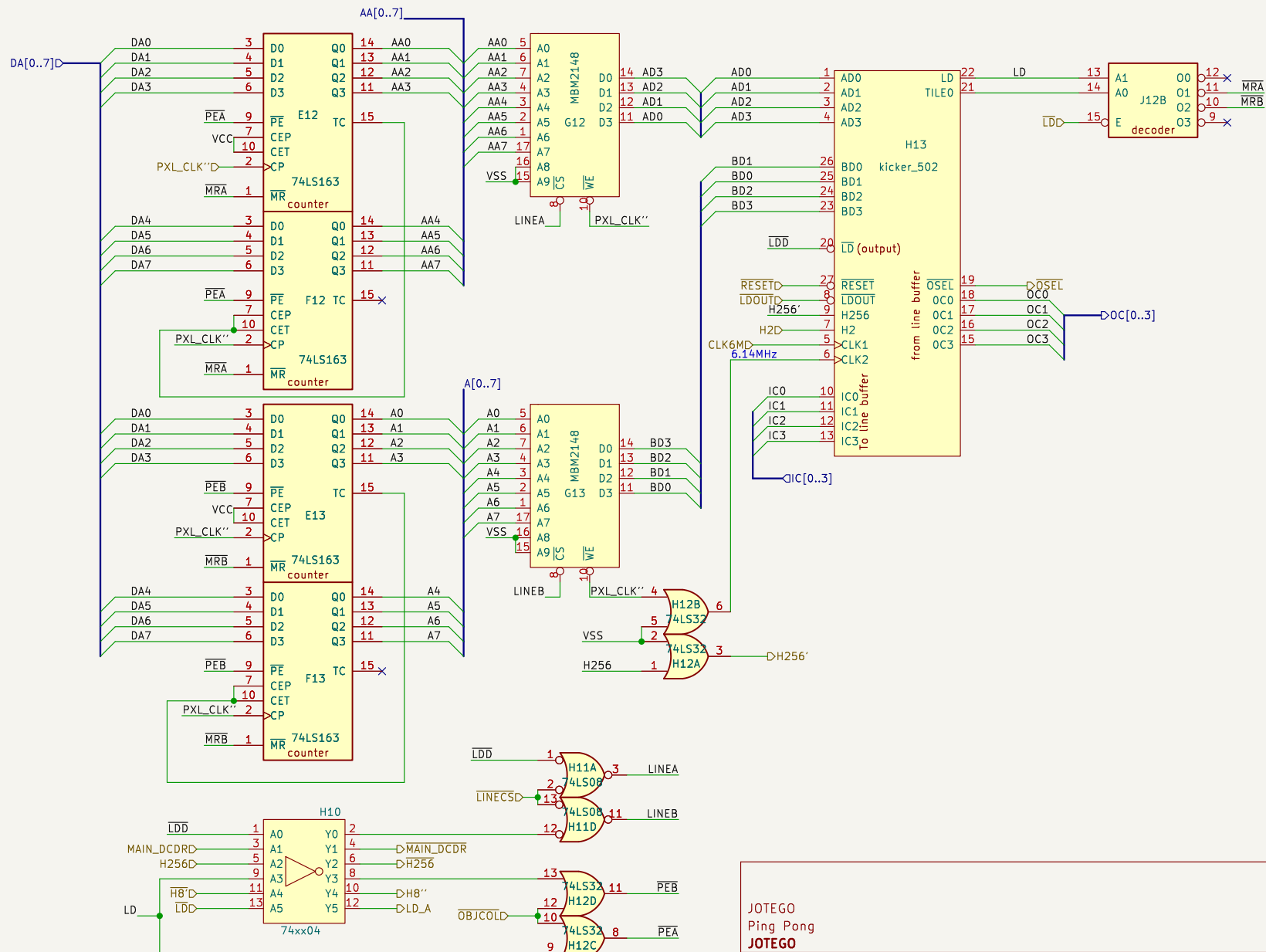
Size: A4 Date: 2022-03-28

KiCad E.D.A. 8.0.9

Rev: J. Tejada

Id: 8/11





JOTEGO  
Ping Pong  
JOTEGO

Sheet: /object/linebuffer/  
File: linebuffer.kicad\_sch

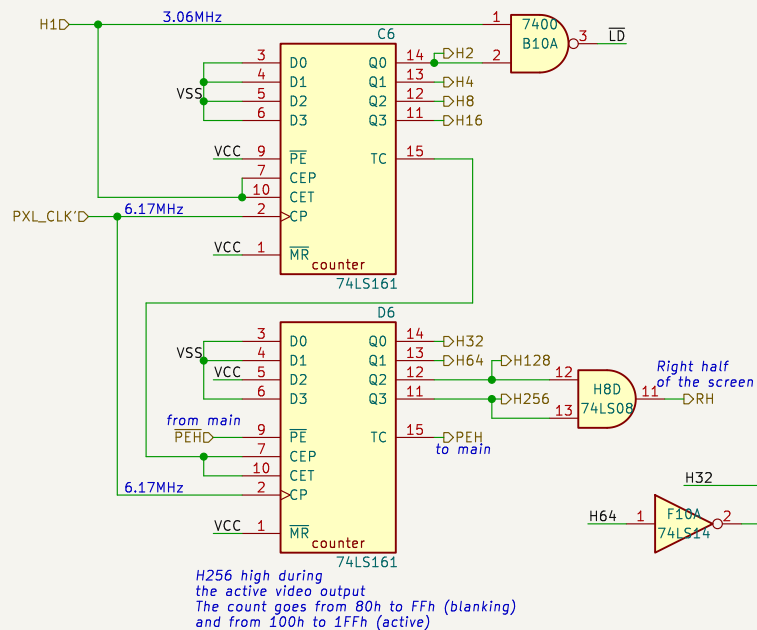
**Title: Doube line buffer**

Size: A4 Date: 2022-03-28  
KiCad E.D.A. 8.0.9

Rev: J. Tejada  
Id: 9/11

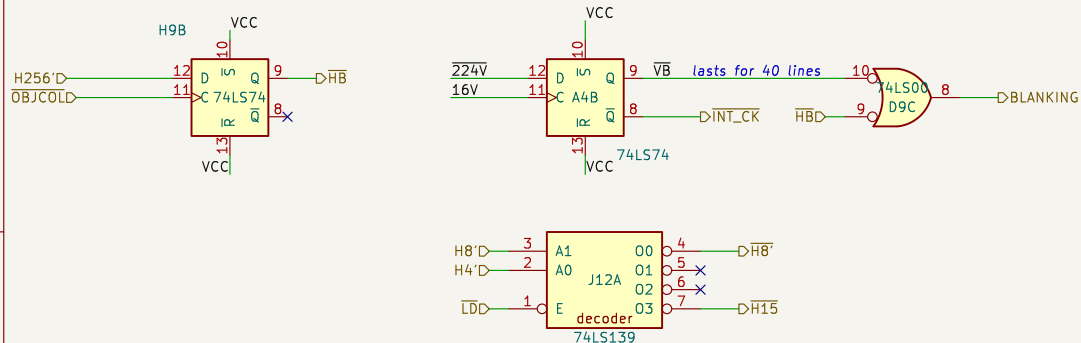
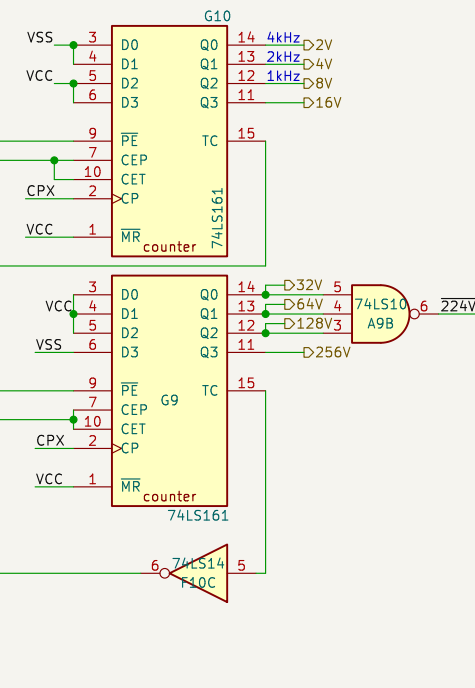


## Horizontal Counter



H256 high during the active video output  
The count goes from 80h to FFh (blanking)  
and from 100h to 1FFh (active)

## Vertical Counter



JOTEGO  
Ping Pong  
JOTEGO

Sheet: /hvcounter/  
File: hvcounter.kicad\_sch

**Title: Horizontal and vertical counters**

Size: A4 Date: 2022-03-28  
KiCad E.D.A. 8.0.9

Rev: J. Tejada  
Id: 10/11



