# Barrel Shifter (3A)

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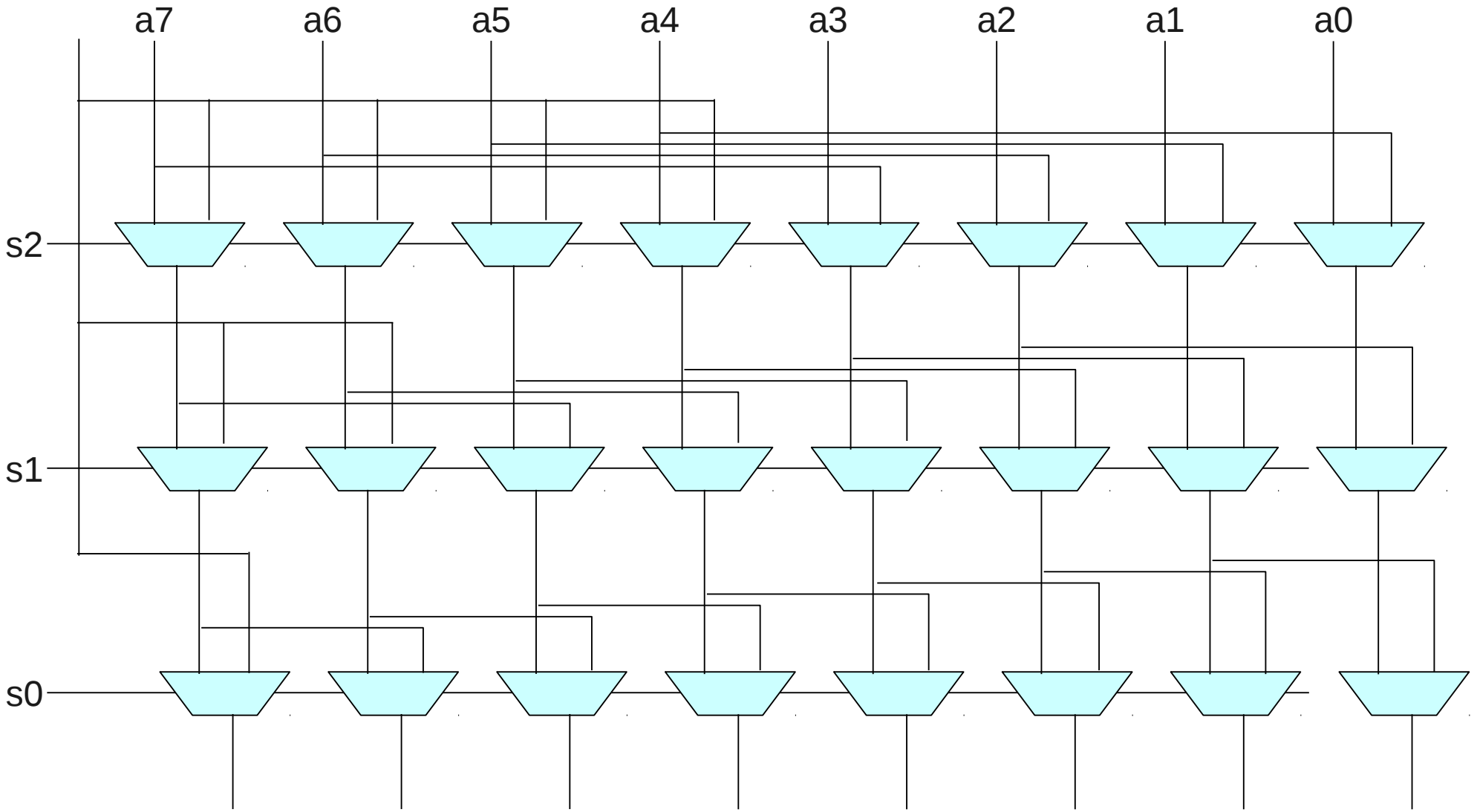
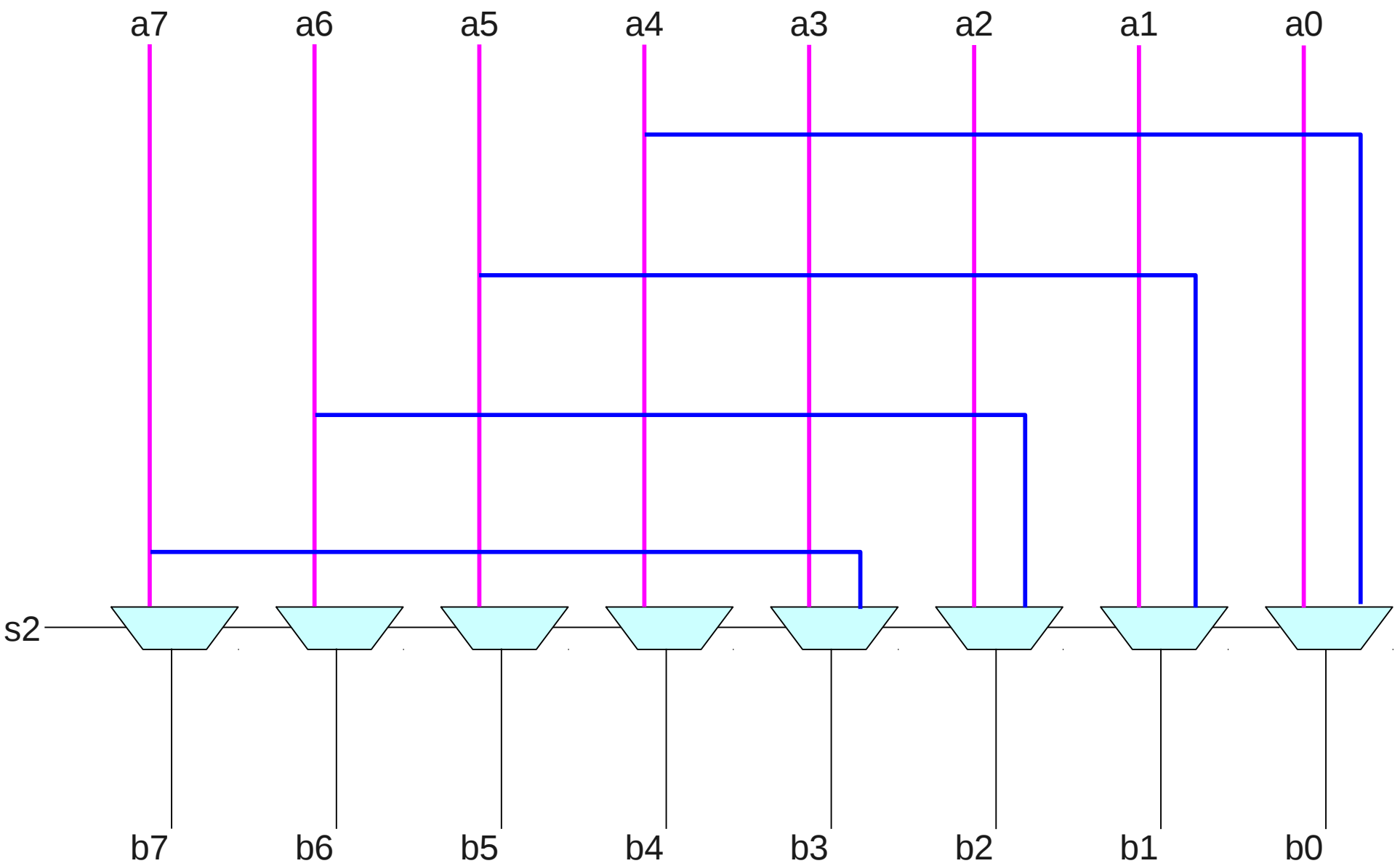
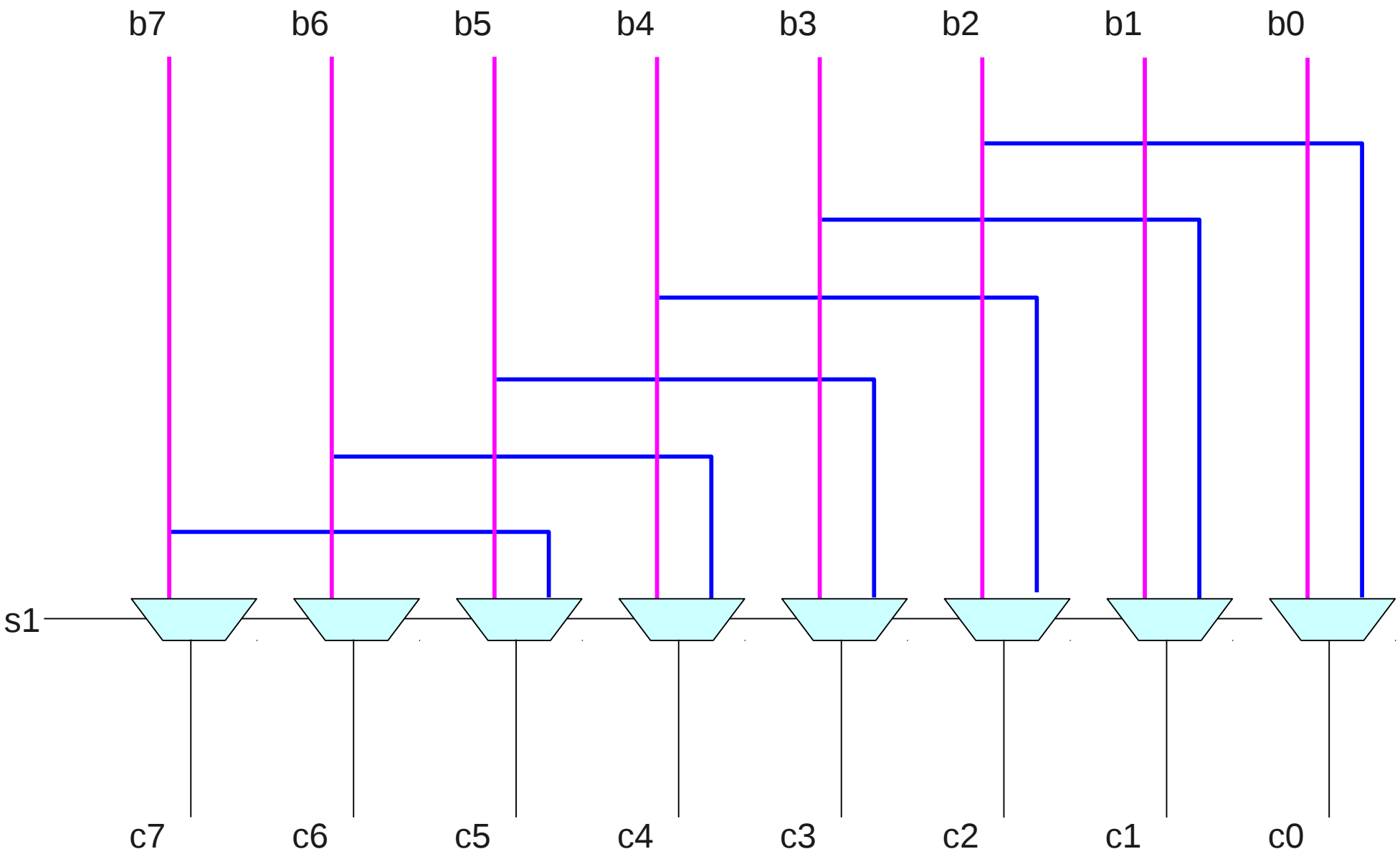
# Mux-based Barrel Shifter



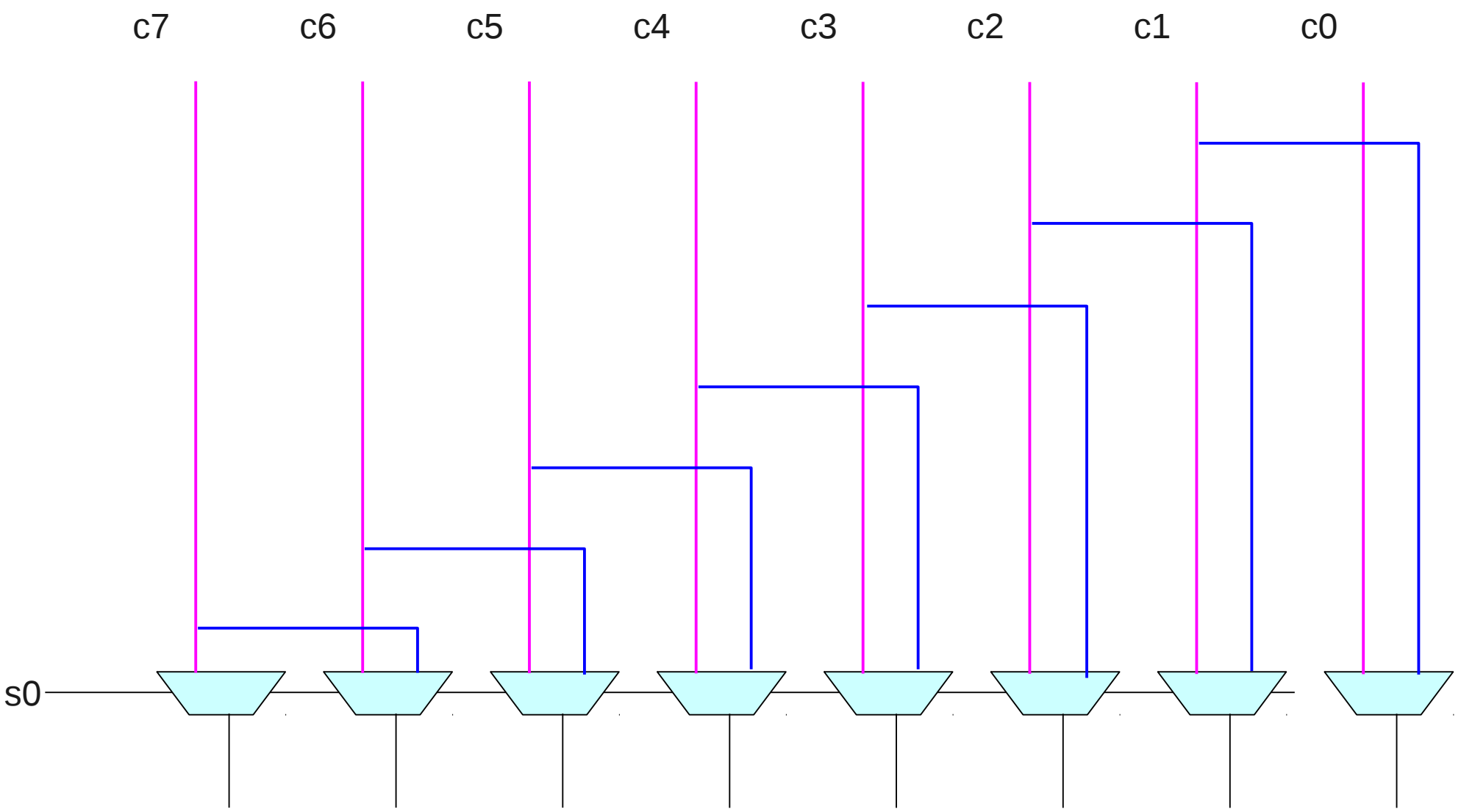
# Mux-based Barrel Shifter (level 2)



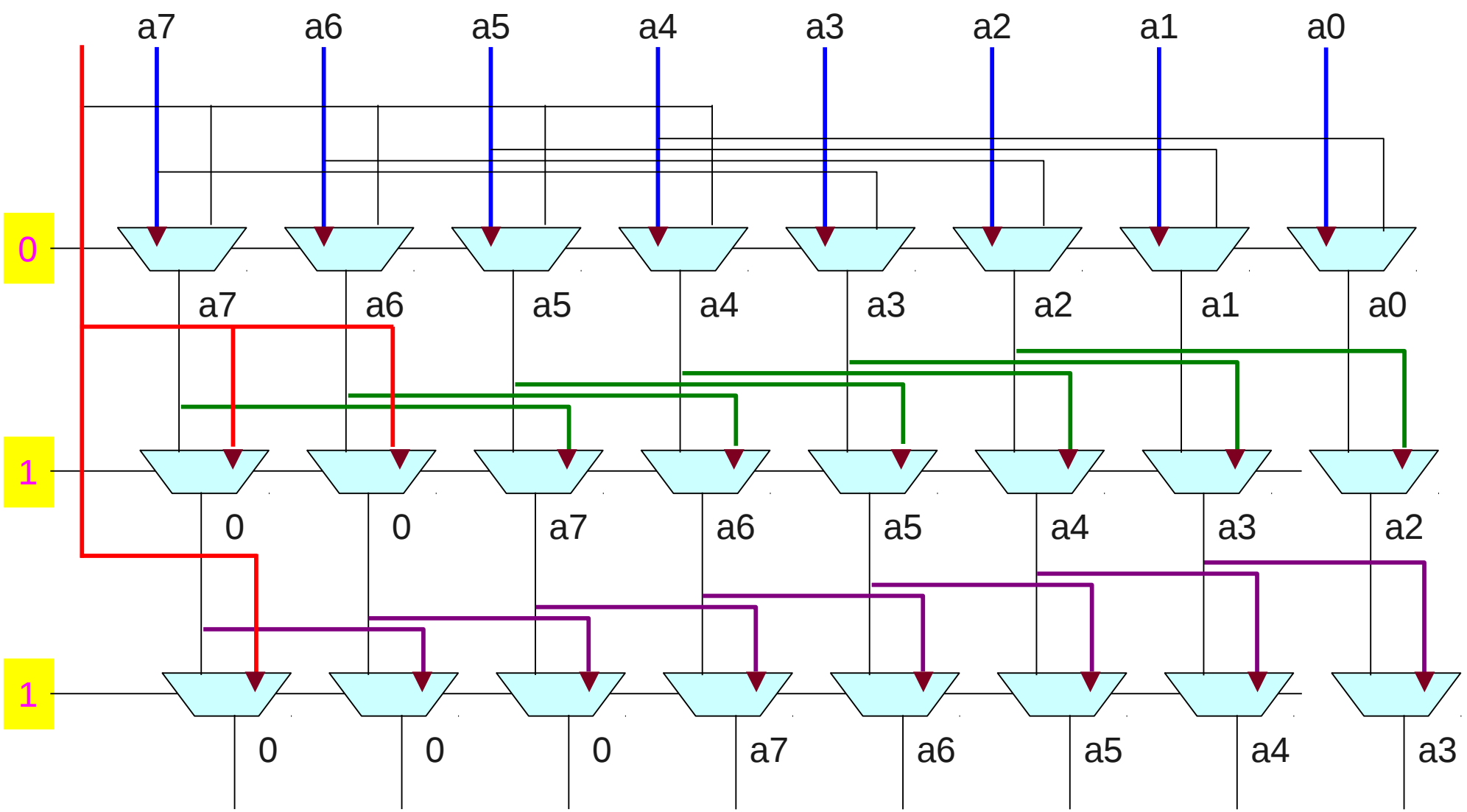
# Mux-based Barrel Shifter (level 1)



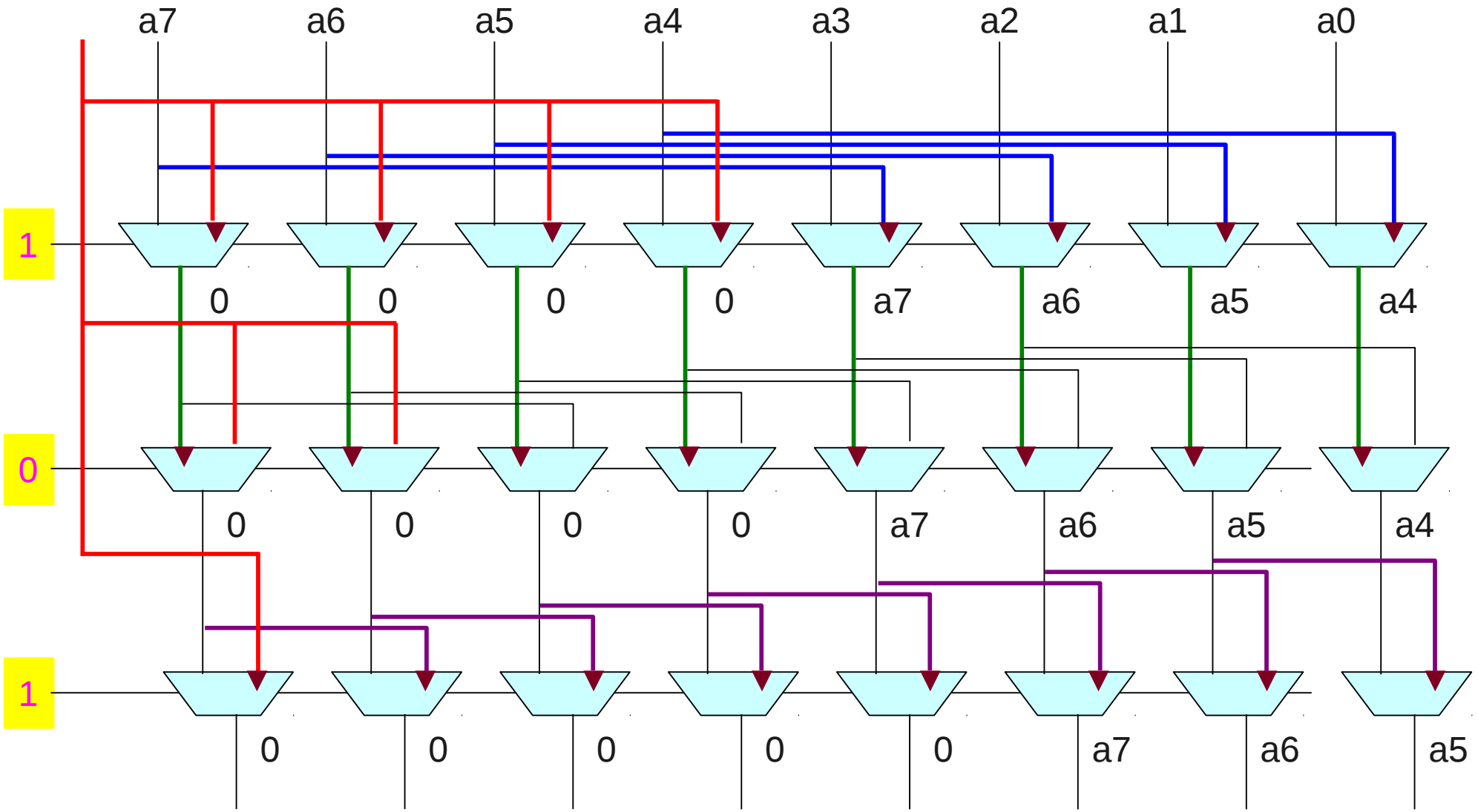
# Mux-based Barrel Shifter (level 0)



# Example s=011 (1)



# Example s=101 (2)



# Angle

## References

[1] http://en.wikipedia.org/
[2] M. R. Pillmeier, “Design Alternatives for barrel shifters”