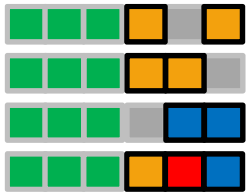
Mark49152's Two-Sided PLL Recognition Guide

V 2014.05.31

- Look for these features in order of precedence: (1) 3-bar (2) lights (3) 2-bar (4) bookends.
- Choose the first pattern that matches, from the nine patterns below, and within that group find the first case that matches.
- Remember that there are four color combinations for each case, and cases may also be mirrored.
- Color rules are relative: "opp" = opposite, "adj" = adjacent, relative to the nearest pattern color.

3-BAR

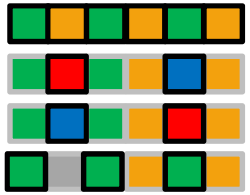


headlights = U

2-bar = J

4 colors = F

DOUBLE LIGHTS



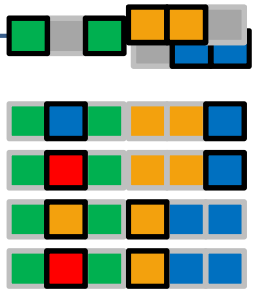
2-color 6-checker = Z

adj edges & 4 colors = Z

opp edges = H

2:1 pattern & 3 colors = U

LIGHTS + 2-BAR



inside bar & 3 colors = T

inside bar & 4 colors = R

outer bar & 3 colors = A

outer bar & 4 color = Ga/c

LONE LIGHTS

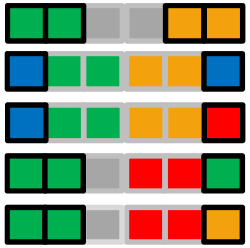
5-checker = R

4-checker = Ga/c

lights enclose opp = Gb/d

lights enclose adj
(but no checker) = A

DOUBLE 2-BAR



both outside = Y

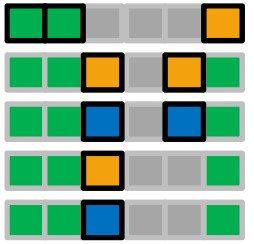
both inside & bookends = A

inside & no bookends = V

same side & bookend = J

same side & no bookend = N

OUTSIDE 2-BAR



no bookend = V

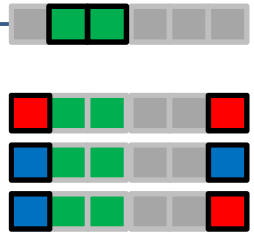
adj appears twice = R

opp appears twice = Gb/d

adj by bar & 4 colors = T

opp by bar & 4 colors = A

INSIDE 2-BAR

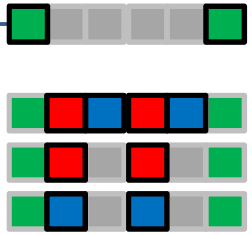


bookends adj color = Ga/c

bookends opp col = Gb/d

no bookends = Y

BOOKENDS NO BAR

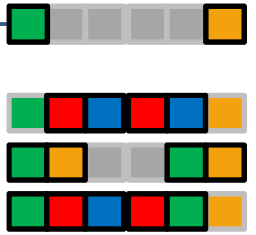


enclosed 4-checker = F

adj appears twice = R

opp appears twice = Ga/c

NO BOOKENDS



inner 4-checker = V

outer 4-checker = Y

5-checker w/ opp middle = E

Which way to AUF?

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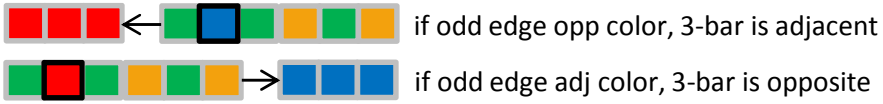
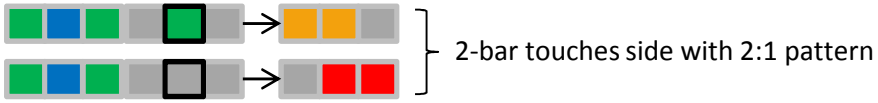
- Use the patterns on the first page to identify the PLL case.
- There's no fixed AUF per case, as which way you AUF will depend on which PLL algorithm you use.
- For many cases , it will be obvious which way to AUF, from the patterns you can see.
- For the less obvious cases, see the hints below.

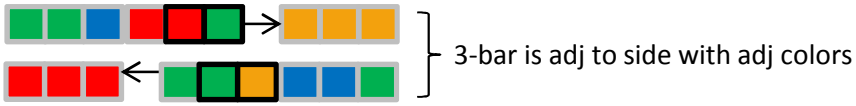
U by 2:1 PATTERN



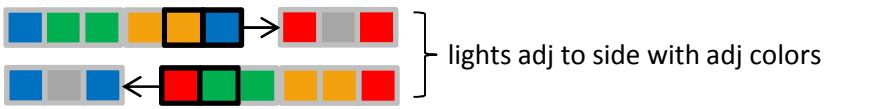
Gb/d by OPPOSITE LIGHTS

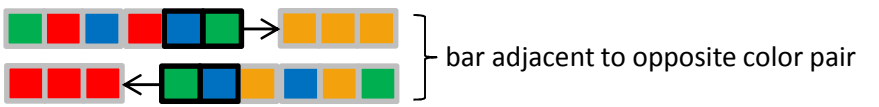


J by DOUBLE 2-BAR



A by DOUBLE 2-BAR



R & Ga/c by BOOKENDS

F by CHECKERS