


# Bryce Canyon

## LED Board

PCB P/N: 16347  
Version: 1  
Layer: 2Layers

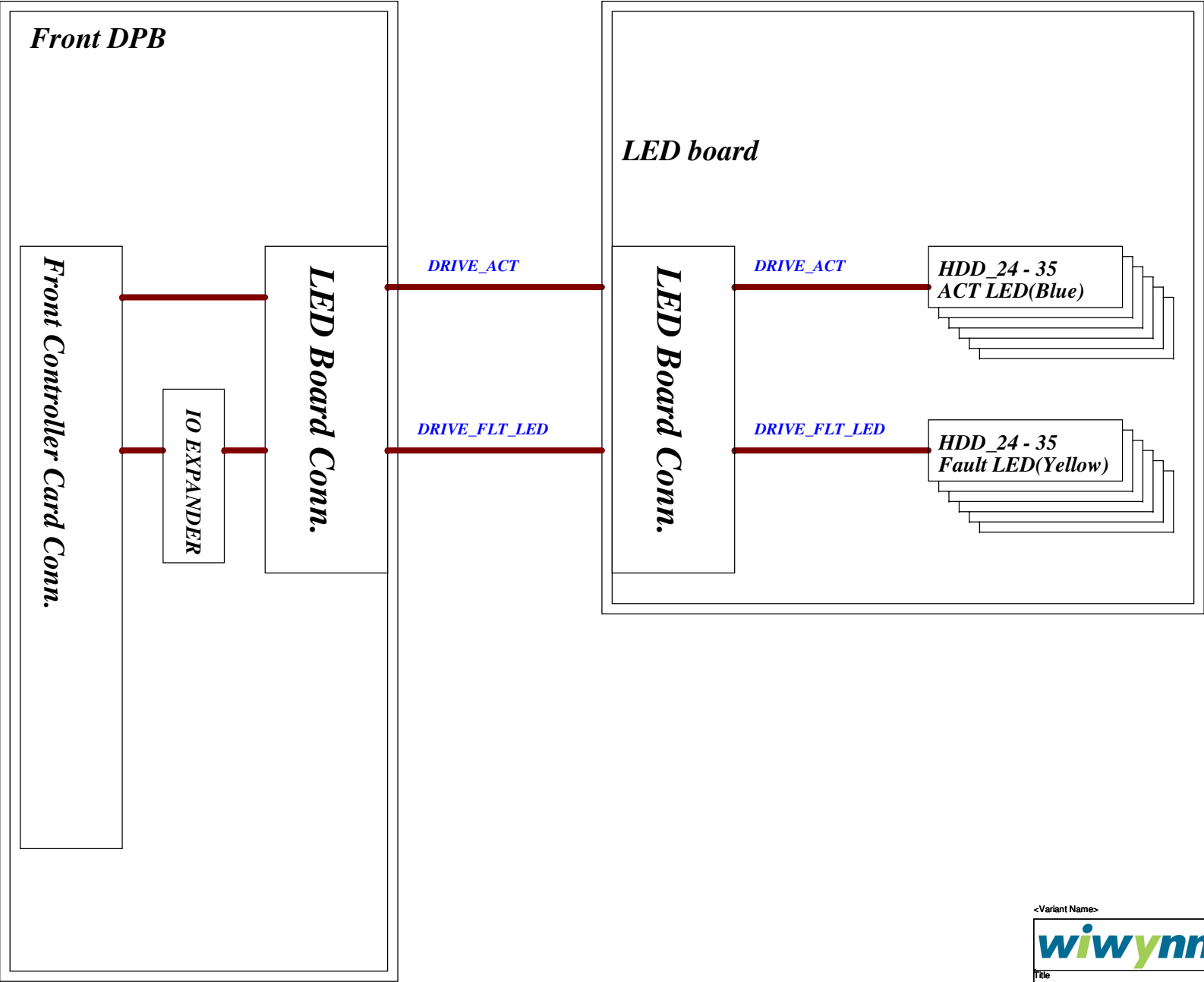
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| Title<br><b>COVER PAGE</b>  |  |  |          |
| Size<br>A3  | Document Number<br><b>BRYCE CANYON_LED Board</b> |  | Rev<br>1 |
| Date: Wednesday, December 06, 2017  |  | Sheet  | 1 of 6   |

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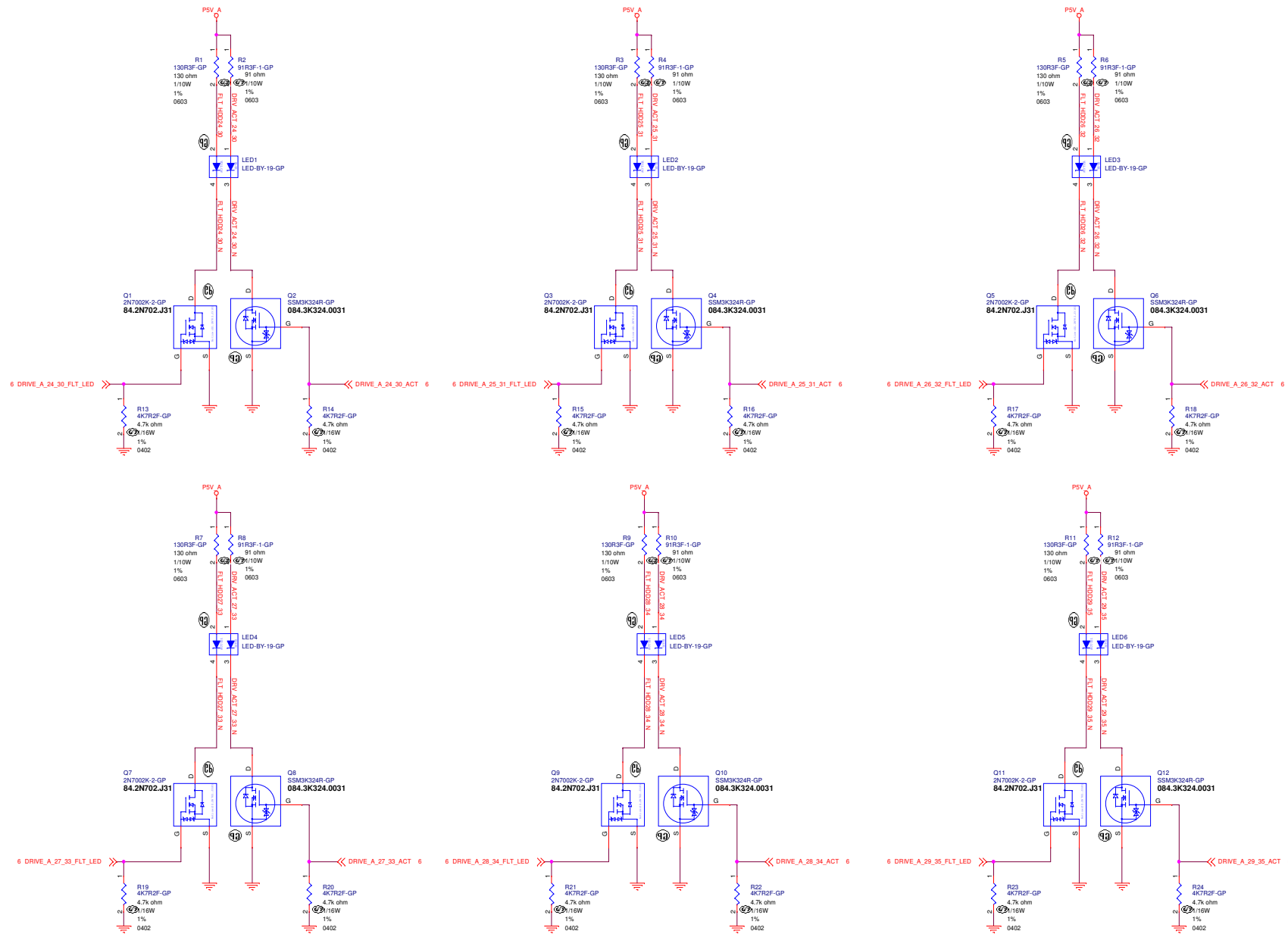
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# Block Diagram

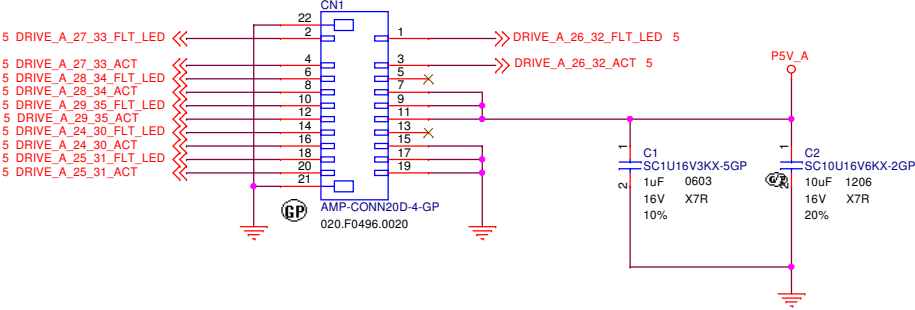


STACK-UP INFORMATION

|                                     |            |                                     |      |     |   |       |   |     |              |  |
|-------------------------------------|------------|-------------------------------------|------|-----|---|-------|---|-----|--------------|--|
| Version 01                          |            |                                     |      |     |   |       |   |     |              |  |
| Board Number:                       |            | 16347-SC                            |      |     |   |       |   |     |              |  |
| Project name:                       |            | Bryce Canyon                        |      |     |   |       |   |     |              |  |
| Model Name:                         |            | LED Board                           |      |     |   |       |   |     |              |  |
| Layer Count:                        |            | 2 Layer                             |      |     |   |       |   |     |              |  |
| Date:                               |            | 2017/2/6                            |      |     |   |       |   |     |              |  |
| Medium Loss Material:               |            | IT150G / NPG150N(Tg : 150/Td : 350) |      |     |   |       |   |     |              |  |
| Golden Finger(Y/N):                 |            | N                                   |      |     |   |       |   |     |              |  |
| Customer:                           |            | Fiona                               |      |     |   |       |   |     |              |  |
| EE engineer                         |            | Kent Tsai                           |      |     |   |       |   |     |              |  |
| SI Engineer                         |            | Harrison Lin                        |      |     |   |       |   |     |              |  |
| Single Ended Type(mil)              |            |                                     |      |     |   |       |   |     |              |  |
| Imp Variation                       |            | 50 Inner/Outer+/-10%                |      |     |   |       |   |     |              |  |
| Bus                                 |            | MISC.                               |      |     |   |       |   |     |              |  |
| Type                                |            | SE                                  |      |     |   |       |   |     |              |  |
| Layers                              |            | 1,2                                 |      |     |   |       |   |     |              |  |
|                                     |            | Wiwynn                              |      |     |   |       |   |     |              |  |
|                                     |            | Width                               |      | Imp |   | Width |   | Imp |              |  |
| Top                                 | Signal/GND | 0.5 oz+plating                      | 1.9  |     |   |       |   | S1  | 20(L1) 49.57 |  |
|                                     | Core       |                                     | 34.5 |     |   | 4.5   |   |     |              |  |
| Bottom                              | Signal/GND | 0.5 oz+plating                      | 1.9  | 0   | 0 |       |   | S2  | 20(L2) 49.57 |  |
|                                     | Mask       |                                     | 0.5  | 0   |   | 3.4   | 0 | 0   |              |  |
| Thickness requirement: 1.0 ± 10% mm |            | mil                                 | 39.3 |     |   |       |   |     |              |  |
|                                     |            | mm                                  | 1.00 |     |   |       |   |     |              |  |



# LED Connector



<Variant Name>