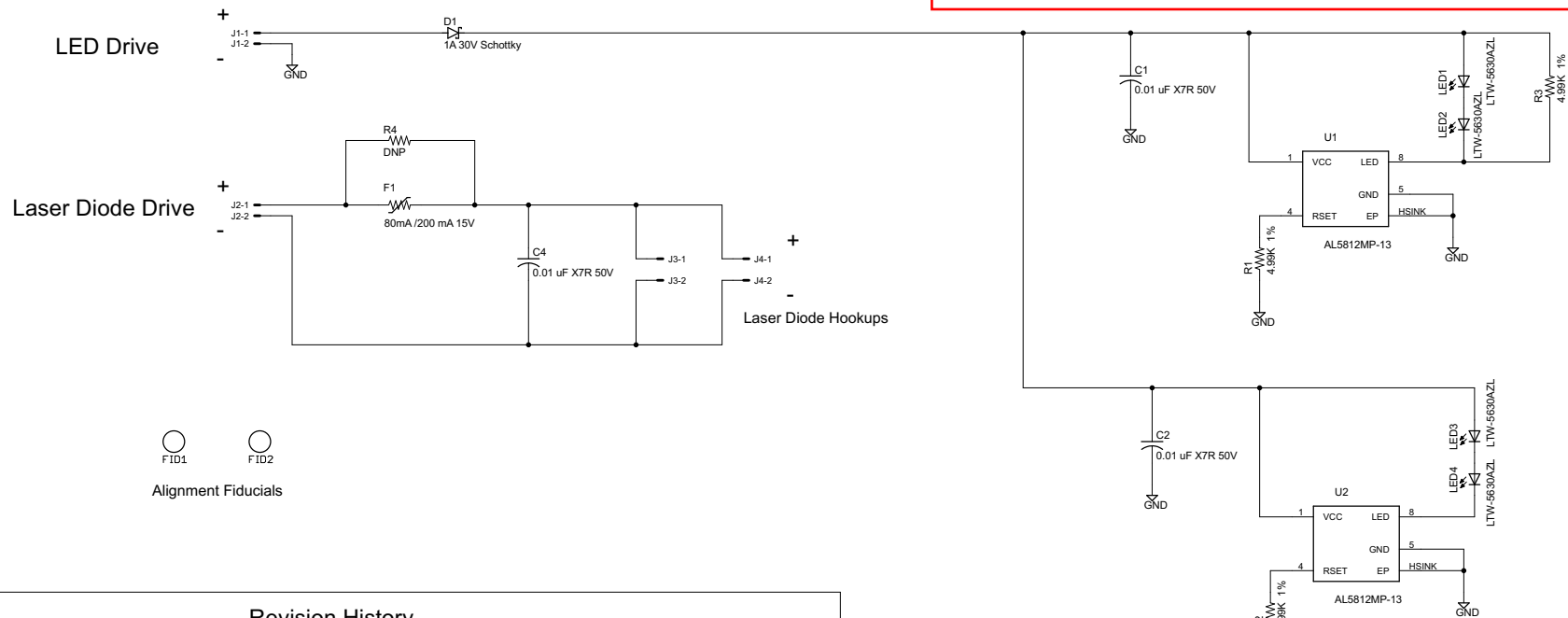


# OpenROV Light Board 2.8A

The AL5812 is an adjustable Linear LED driver offering excellent temperature stability and output handling capability



## Revision History

Rev	Date	Engr	Changes
2.7	25 Aug 2014	RWH	Initial Release
2.7A	7 Sep 2014	RWH	Layout Changes to support OROV 2.7 design - no schematic changes
2.8	12 July 2015	RWH	Layout Changes to support OROV 2.8 design - no schematic changes
2.8A	1 Nov 2015	RWH	Layout Changes to support OROV 2.8 design - no schematic changes

AL5812 R-SET = 5kohm  
LED current = 150 mA  
LTW5630 forward voltage ~ 3.2V @ 150 mA  
Output per LED ~ 66 lumens @ 150 mA, 3500K  
Total board output = 66 \* 4 = 264 lumens

## OpenROV

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