

1.1.0 TLC5940 isn't actually SPI. Removed SPI cleverness and change I/O expander to I2C  
1.0.0 Initial Circuit

Sheet: /ControlCircuit/  
File: ControlCircuit.sch

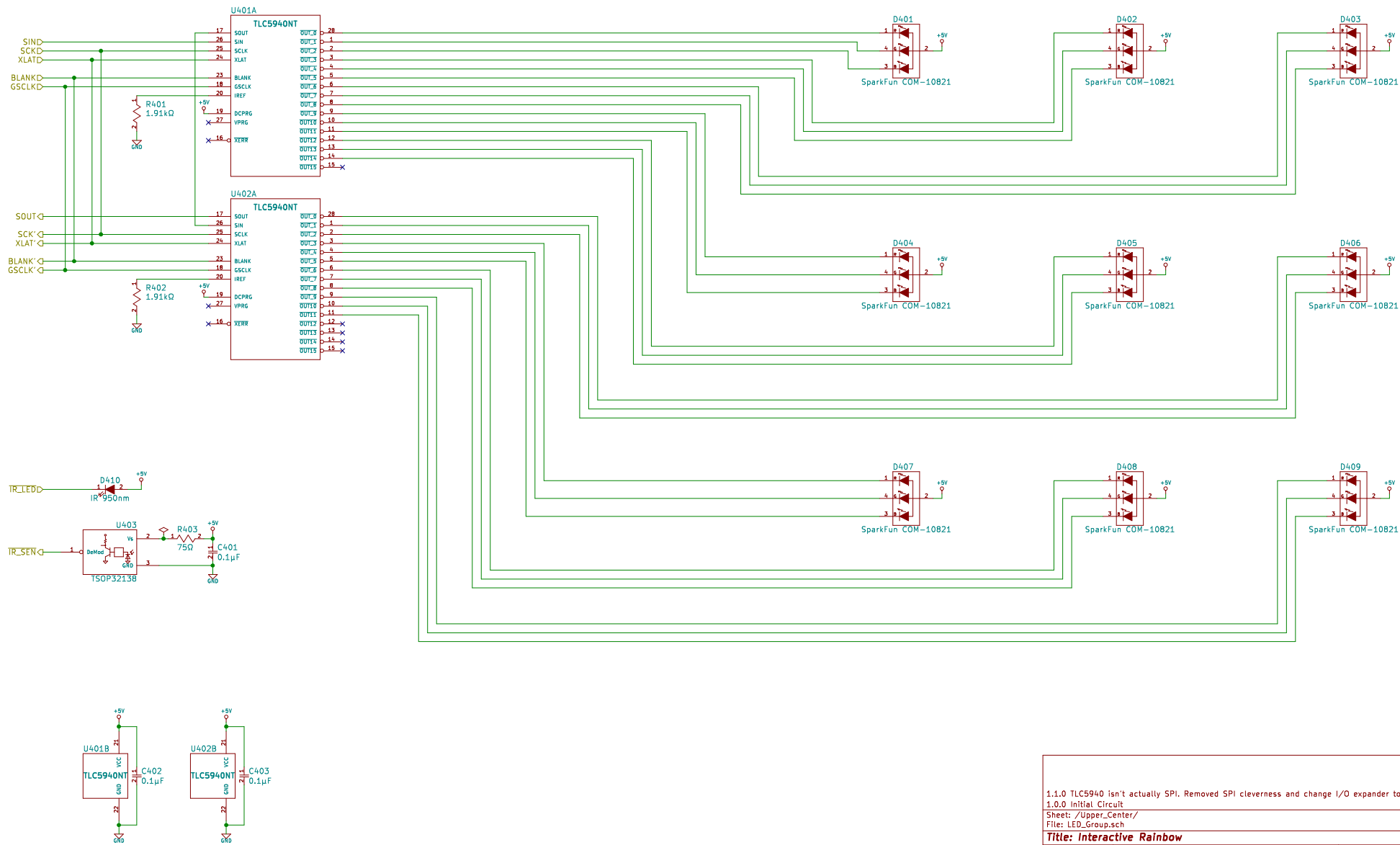
### Title: Interactive Rainbow

Size: A Date: 2015-09-06

KiCad E.D.A. kicad (2015-07-26 BZR 5996)-product

Rev: 1.1.0

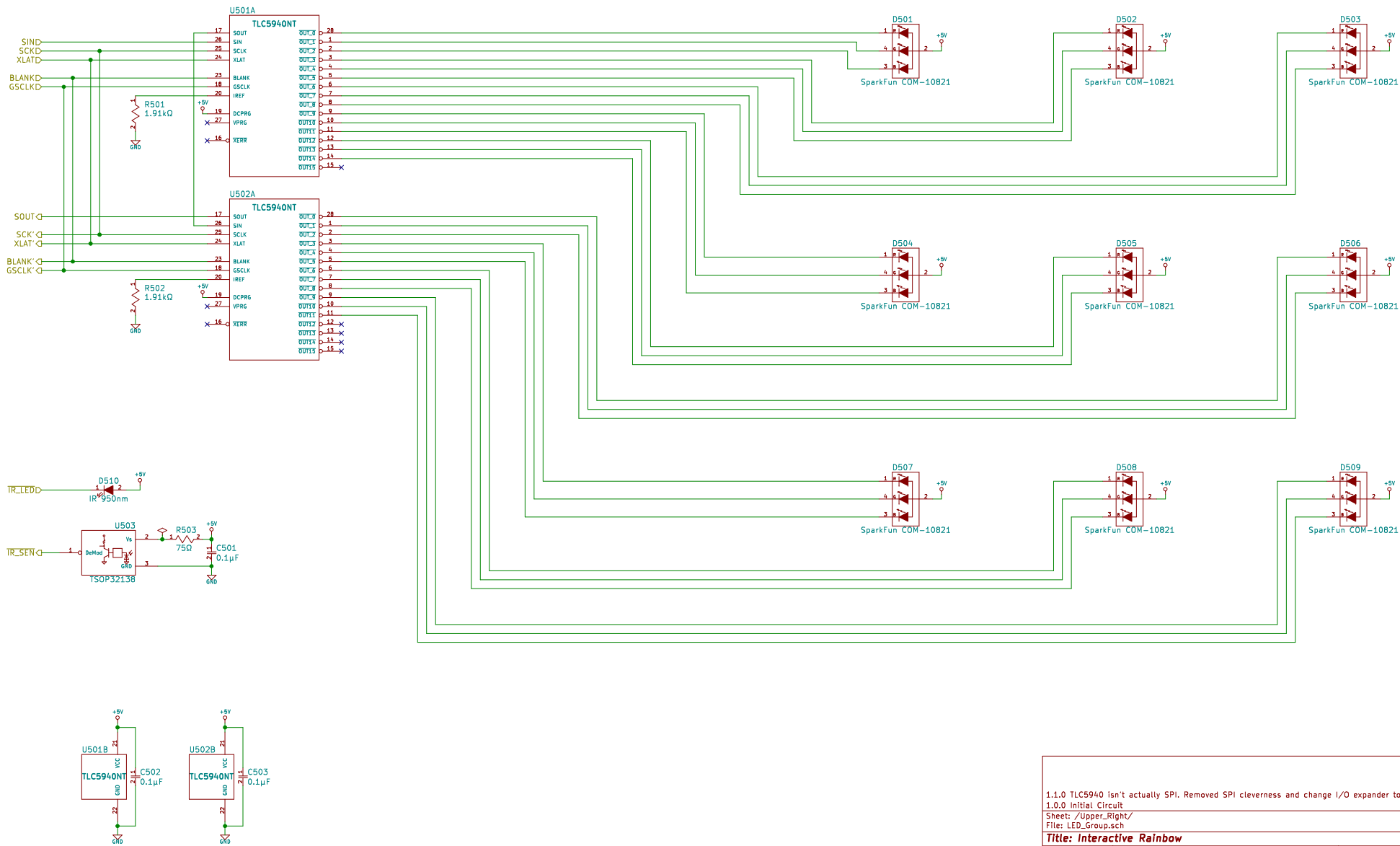
Id: 3/15

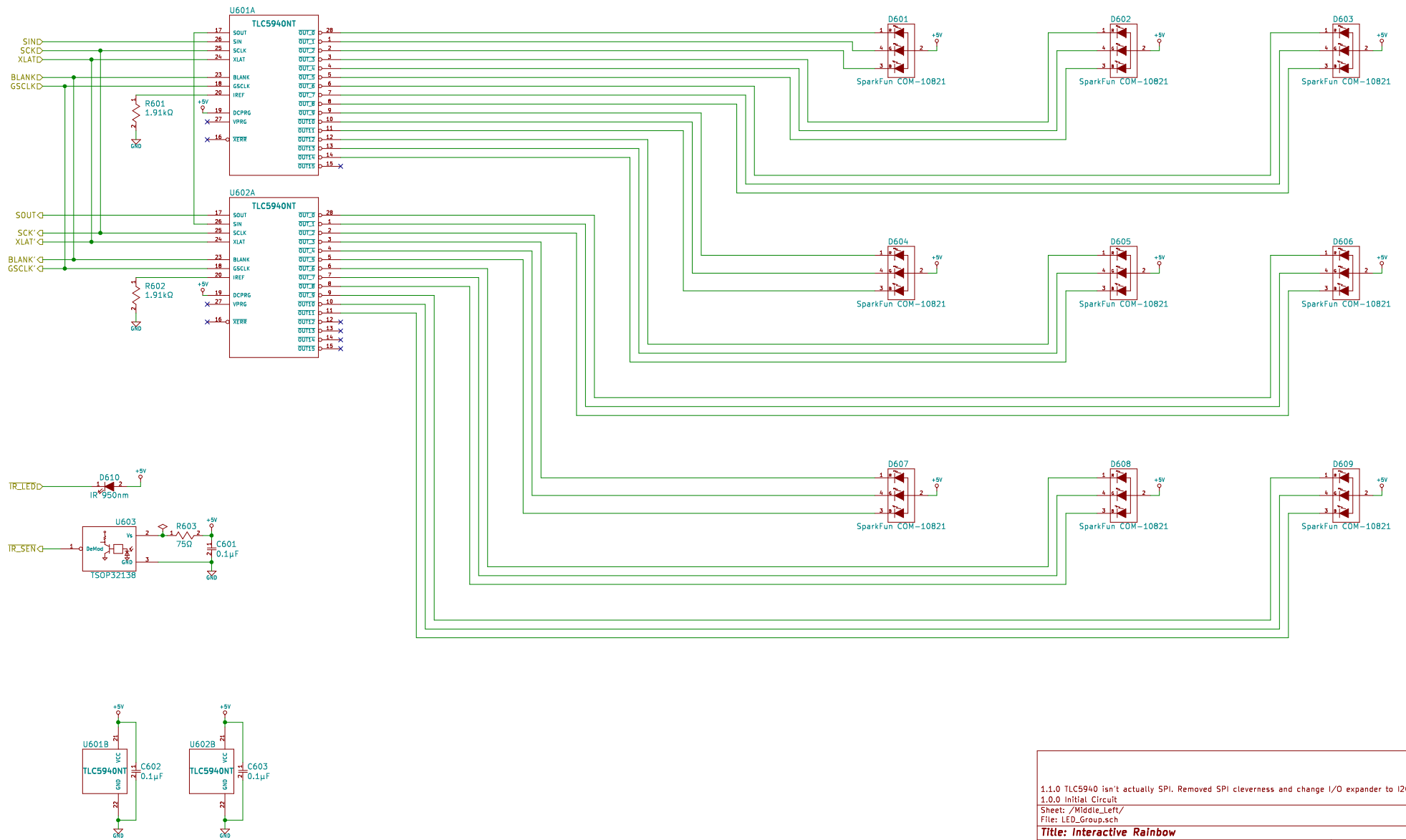


1.1.0 TLC5940 isn't actually SPI. Removed SPI cleverness and change I/O expander to I2C  
 1.0.0 Initial Circuit  
 Sheet: /Upper\_Center/  
 Files: LED\_Group.sch

**Title: Interactive Rainbow**

Size: B	Date: 2015-09-06	Rev: 1.1.0
KiCad E.D.A. kicad (2015-07-26 BZR 5996)-product		Id: 4/15

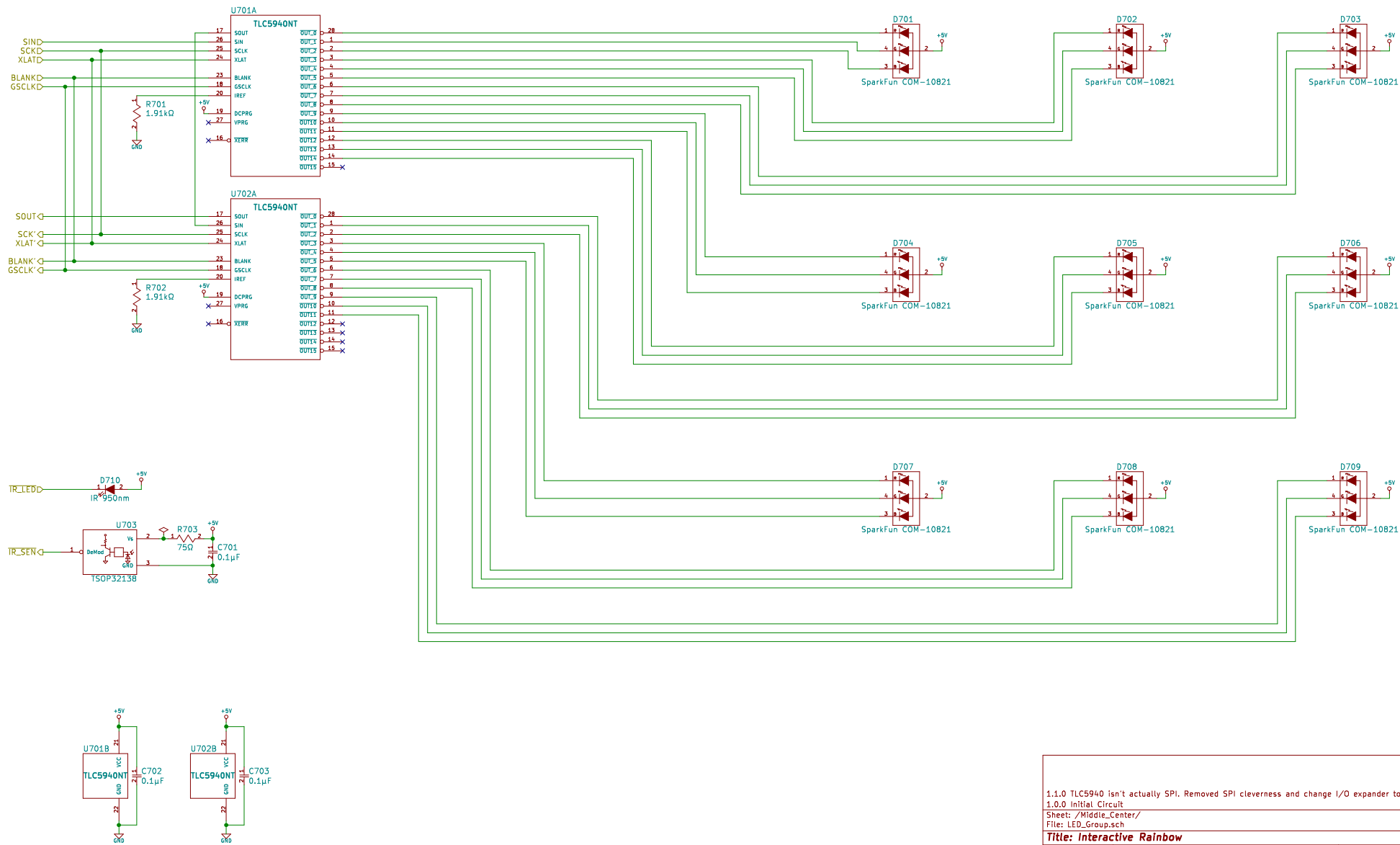




1.1.0 TLC5940 isn't actually SPI. Removed SPI cleverness and change I/O expander to I2C  
 1.0.0 Initial Circuit  
 Sheet: /Middle\_Left/  
 Files: LED\_Group.sch

**Title: Interactive Rainbow**

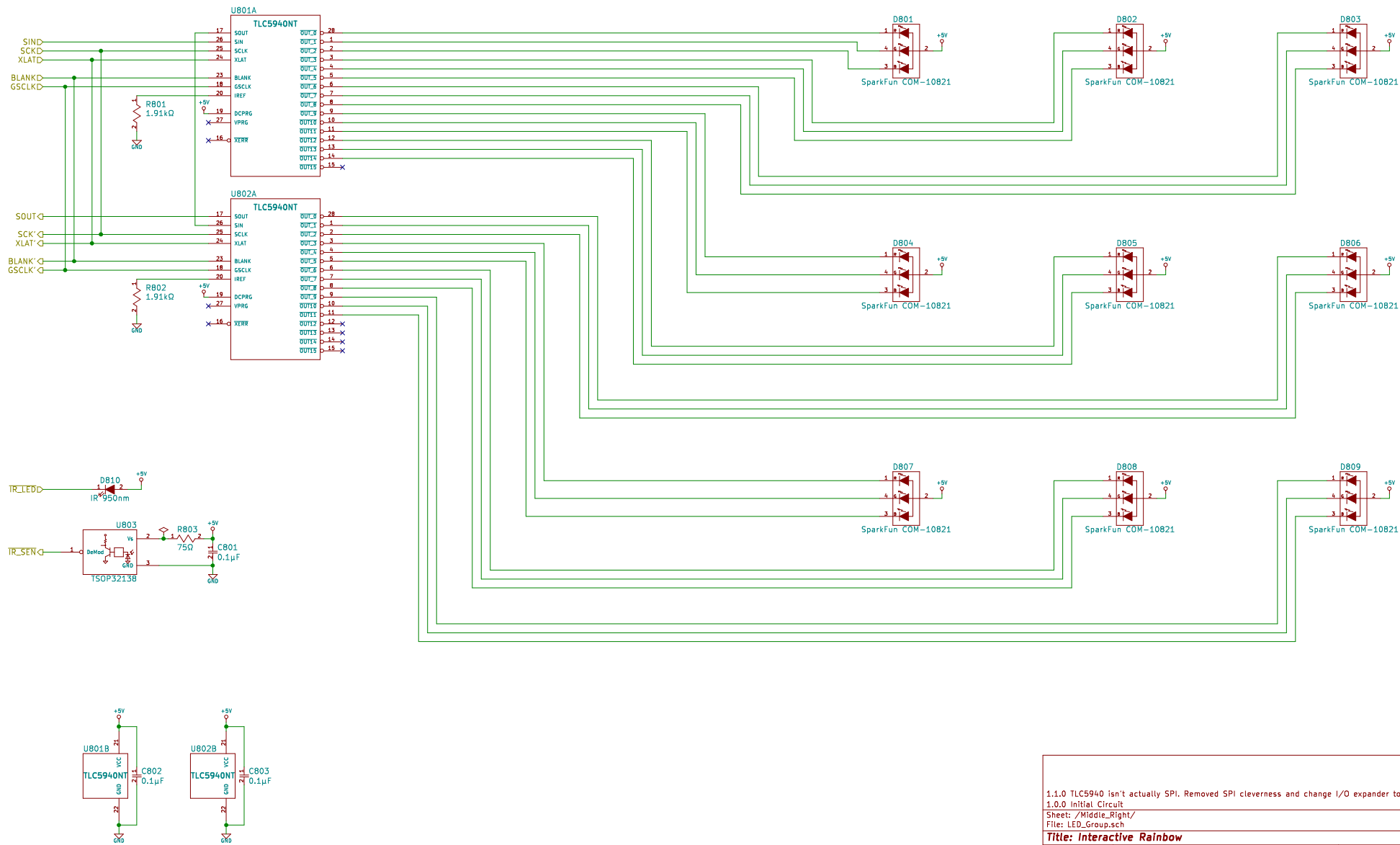
Size: B	Date: 2015-09-06	Rev: 1.1.0
KiCad E.D.A. kicad (2015-07-26 BZR 5996)-product		Id: 6/15



1.1.0 TLC5940 isn't actually SPI. Removed SPI cleverness and change I/O expander to I2C  
 1.0.0 Initial Circuit  
 Sheet: /Middle\_Center/  
 Files: LED\_Group.sch

**Title: Interactive Rainbow**

Size: B	Date: 2015-09-06	Rev: 1.1.0
KiCad E.D.A. kicad (2015-07-26 BZR 5996)-product		Id: 7/15

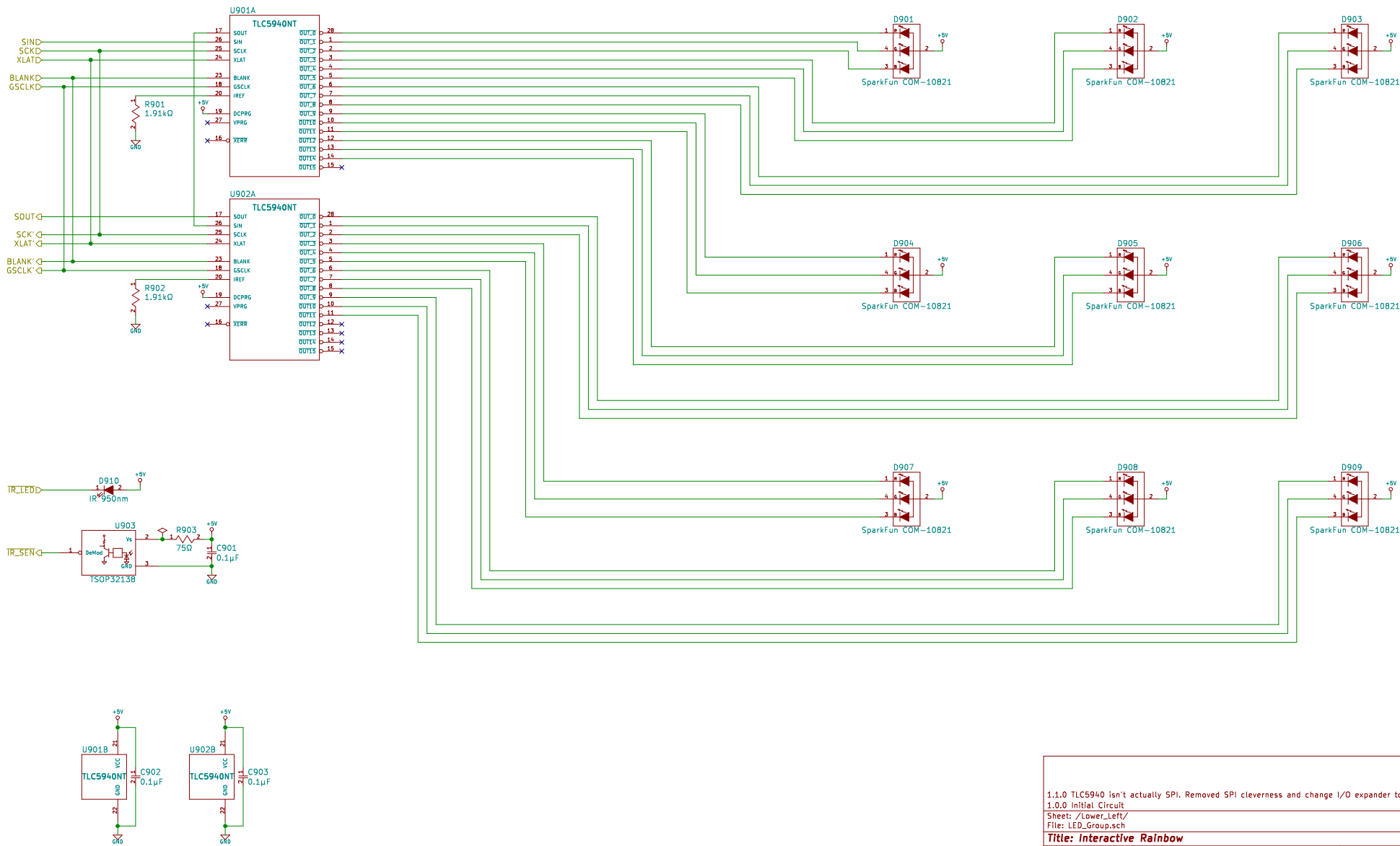


1.1.0 TLC5940 isn't actually SPI. Removed SPI cleverness and change I/O expander to I2C  
 1.0.0 Initial Circuit  
 Sheet: /Middle\_Right/  
 File: LED\_Group.sch

**Title: Interactive Rainbow**

Size: B	Date: 2015-09-06	Rev: 1.1.0
KiCad E.D.A. kicad (2015-07-26 BZR 5996)-product		Id: 8/15

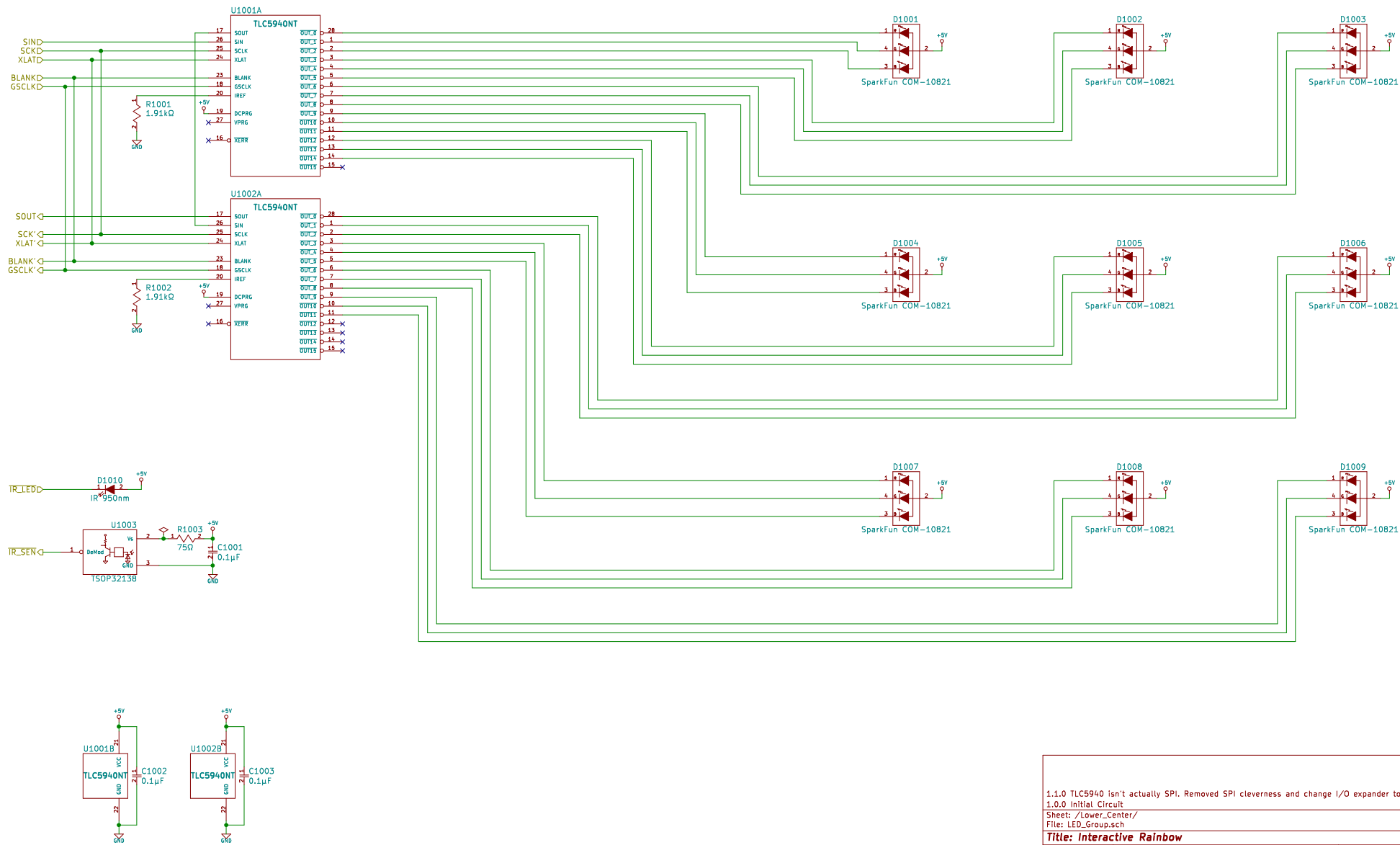




1.1.0 TLC5940 isn't actually SPI. Removed SPI cleverness and change I/O expander to I2C  
 1.0.0 Initial Circuit  
 Sheet: /Lower\_Left/  
 Files: LED\_Group.sch

**Title: Interactive Rainbow**

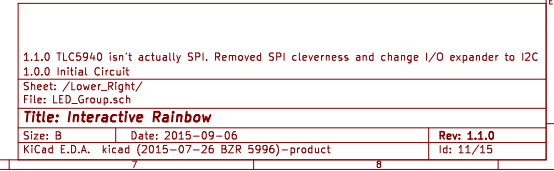
Size: B	Date: 2015-09-06	Rev: 1.1.0
KiCad E.D.A. kicad (2015-07-26 BZR 5996)-product		Id: 9/15

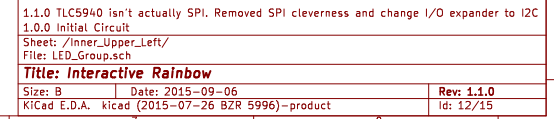


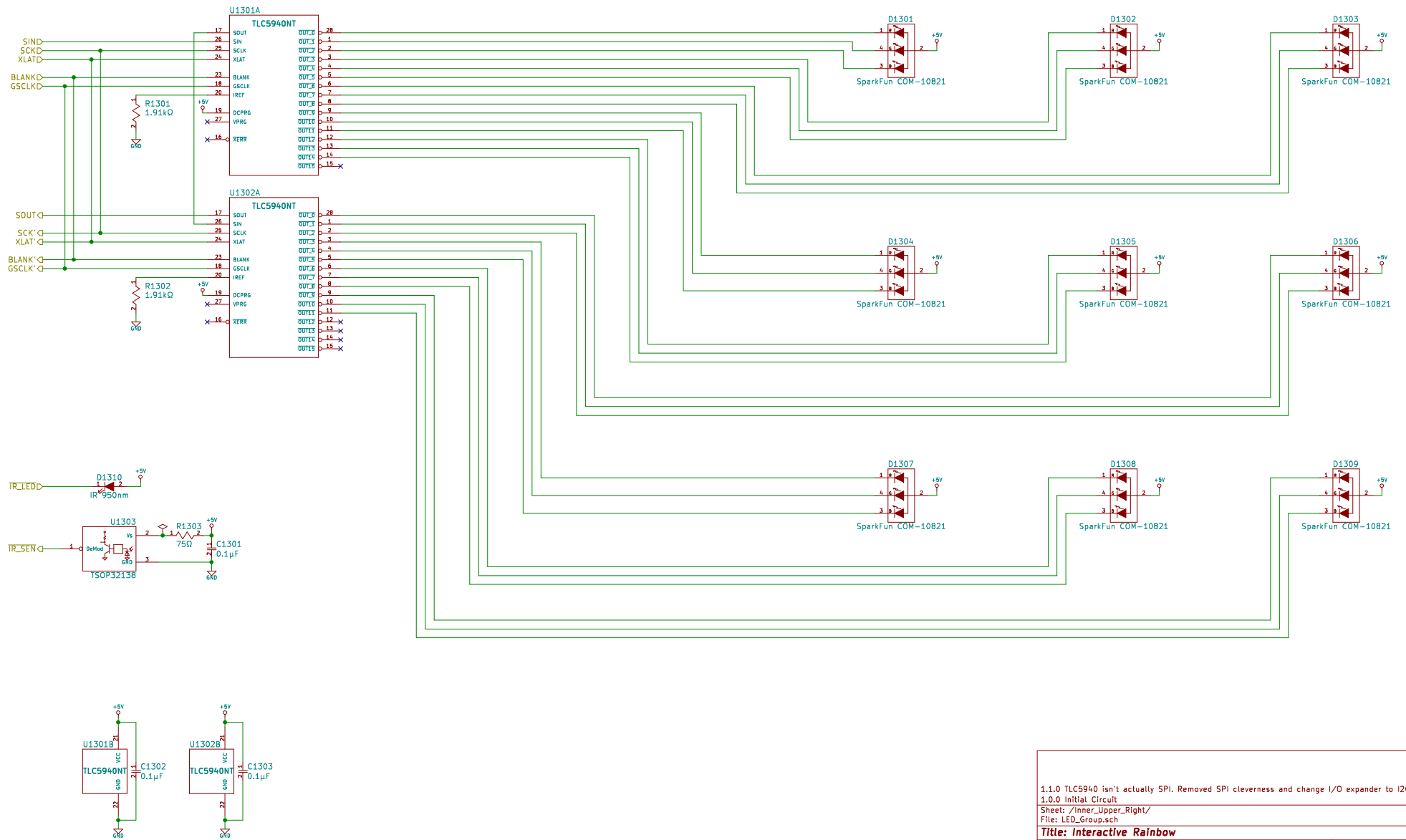
1.1.0 TLC5940 isn't actually SPI. Removed SPI cleverness and change I/O expander to I2C  
 1.0.0 Initial Circuit  
 Sheet: /Lower\_Center/  
 Files: LED\_Group.sch

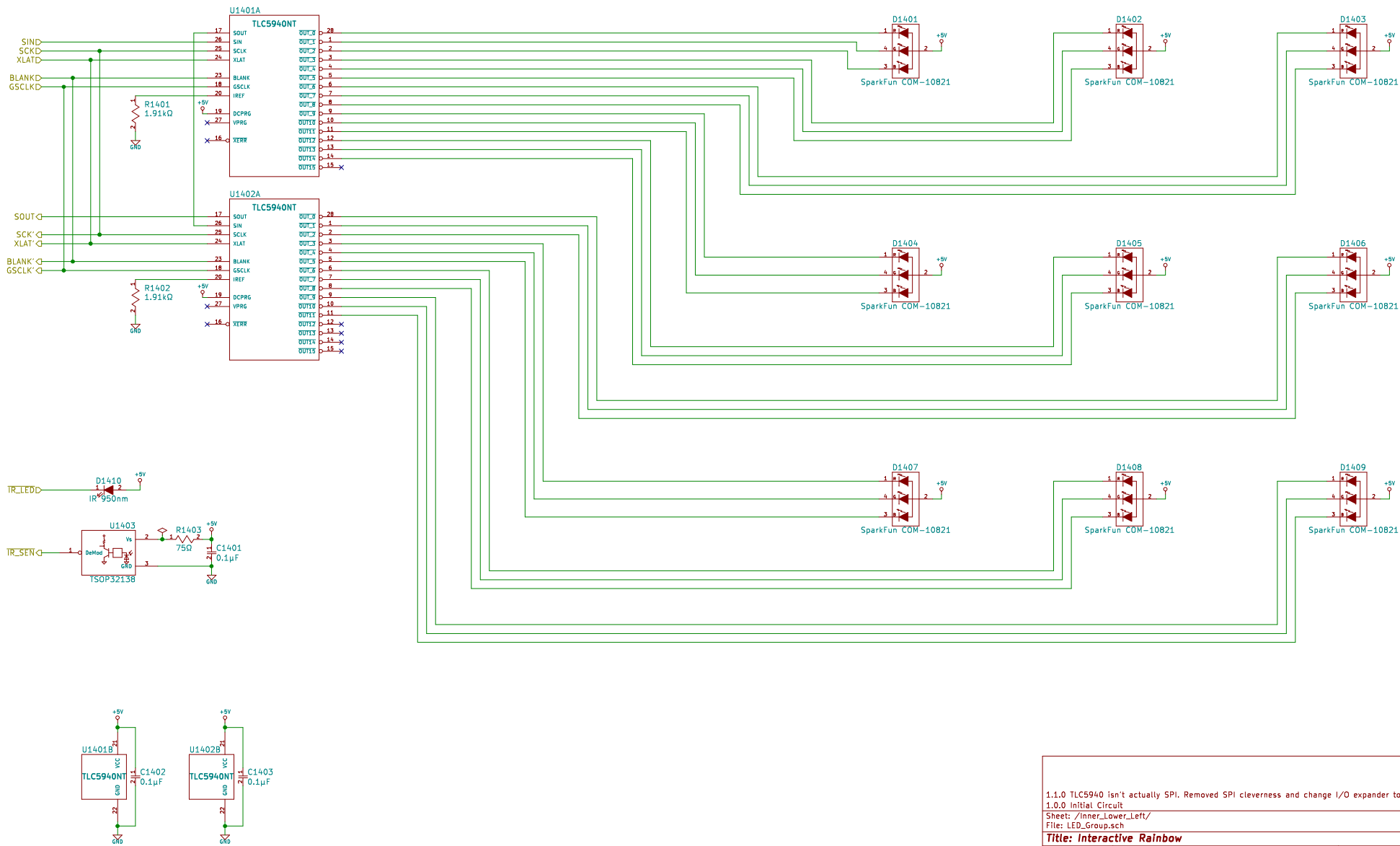
**Title: Interactive Rainbow**

Size: B	Date: 2015-09-06	Rev: 1.1.0
KiCad E.D.A. kicad (2015-07-26 BZR 5996)-product		Id: 10/15









1.1.0 TLC5940 isn't actually SPI. Removed SPI cleverness and change I/O expander to I2C  
 1.0.0 Initial Circuit  
 Sheet: /Inner\_Lower\_Left/  
 File: LED\_Group.sch

**Title: Interactive Rainbow**

Size: B	Date: 2015-09-06	Rev: 1.1.0
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