This library was written to provide the building blocks to communicate with the TLC5916 using Arduino.

Public Methods

Constructors	Parameter List
TLC5916_Lite	1. uint8_t: Serial-data input pin 2. uint8_t: Serial-data clock pin 3. uint8_t: Output-enable pin 4. uint8_t: Latch-enable pin

Member Name	Return Type	Parameter List
transmit	void	1. uint8_t: Byte to transmit 2. uint8_t: Number of bits to send 3. bool: [1]Pulse latch pin?
enableOutput	Void	Void
disableOutput	Void	Void
allOn	Void	1. uint8_t: Number of chips connected
allOff	Void	1. uint8_t: Number of chips connected
switchToSpecialMode	Void	Void
switchToNormalMode	Void	Void
writeConfiguration	Void	1. uint8_t: 8-bit configuration code
readErrorCodeStatus	uint8_t: Error Code	Void

[1] If there are more than one TLC5916 daisy chained together, this param should be false until the last byte of data is being sent. After the last byte has been sent, the latch pin should pulse, latching the data in all TLC5916s.

Helpful links:

- The library code on my GitHub
  - TLC5916_Lite
- The posts I've made while using the TLC5916
  - Breadboarded: Curiosity-Nano — Thermistor with four 7-segment display
  - Coded: Curiosity-Nano — Thermistor with four 7-segment display
  - TLC5916 Driver Library
  - TLC5916 Lite Arduino Driver Library