

**USB ISOLATOR**

**TARGET FRONTEND**

**POWER REG**

**MCU**

**STATUS LEDs**

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 2018 Dmitry Rezanov  
 Original Design:  
 (C) 2016 Piotr Esden-Tempski  
 Black Magic Probe v2.1 By  
 BlackSphereTechnologies and 1BitSquared

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The diagram illustrates a 4-bit parallel LED display driver circuit. It consists of four LEDs, labeled LED1 (GREEN), LED2 (RED), LED3 (ORANGE), and LED4 (YELLOW), connected to a common ground (GND). Each LED is connected to a specific color output (GREEN, RED, ORANGE, YELLOW) through a 330 ohm resistor (R1A to R1D). The outputs are labeled 1, 2, 3, and 4 respectively. A +3V3 supply is indicated on the right.

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