

The schematic diagram illustrates the internal circuitry of the 'Световое шоу' (Light Show) board. It features a central microcontroller (D7) connected to various peripheral components. The board includes 32 push-buttons (BUT1-BUT32) and 32 LEDs (LED1R-LED32G). The microcontroller is connected to a 5V power supply and ground. The board also includes a reset button (RESET) and a power switch (SW1). The schematic shows the connection of the microcontroller to the buttons and LEDs, as well as the power supply and ground connections. The board is designed to be powered by a 5V supply and to control 32 LEDs and 32 buttons.

Микропроц.	Цепи/на GND
D1-D4	10, 19, 24
D5, D6	10
D7	7

Микросхемы	Цели питания	
	GNDD	+5V
D1-D4	10, 19, 24	28
D5, D6	10	9
D7	7	14