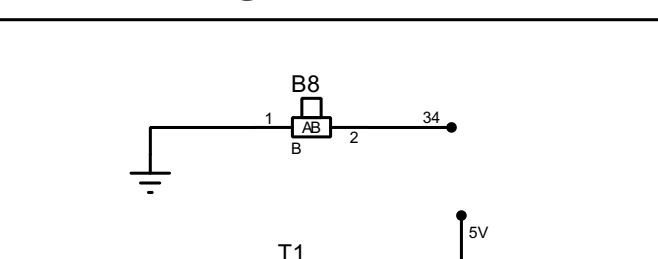


[illegible]

SÂN

The diagram illustrates a laser torch circuit. It features a PIR sensor (J17) and an LDR sensor (J20) connected to a microcontroller (C2383). The PIR sensor is connected to a 5V supply (A3) and a 32V supply (B7). The LDR sensor is connected to a 5V supply (A5) and a 4k7 resistor (R9). The laser diode (D6) is connected to a 1k resistor (R4) and a 17V supply (17). The laser diode is also connected to a 5V supply (A3) and a 32V supply (B7). The laser diode is connected to a 5V supply (A3) and a 32V supply (B7). The laser diode is connected to a 5V supply (A3) and a 32V supply (B7).

GARA



The circuit diagram for GARA consists of two main parts. The top part shows a component labeled B8 with pins 1, 2, and 34. Pin 1 is connected to ground, and pin 2 is connected to pin 34. The bottom part shows a component labeled T1 (TA6586) with pins 1 through 8 and VCC, GND, INB, and INA. Pin 4 is connected to 5V, pin 3 to ground, pin 2 to pin 7, and pin 1 to pin 8. A DC input is connected to pins 6 and 5. The output is taken from pins 1 and 2.

PHÒNG BẾP

The schematic diagram illustrates the electrical circuit for a kitchen fire alarm system, labeled "PHÒNG BẾP".

Power Supply: The system is powered by a 5V source connected to pin 1 of the microcontroller (U4).

Microcontroller (U4, LM35): The microcontroller is the central processing unit, with its VOUT pin (pin 3) connected to the buzzer (B14).

Buzzer (B14): A buzzer connected to the VOUT pin of the microcontroller, labeled "BUZZZ".

Relay (RL1): A relay connected to the microcontroller's output pin (pin 2) and the buzzer (B14). The relay is labeled "RL1" and "RL".

Speaker (B5): A speaker connected to the microcontroller's output pin (pin 2) and the buzzer (B14). The speaker is labeled "B5" and "BA".

Other Components: The circuit includes a buzzer (B12), a buzzer (B1), a buzzer (B2), a buzzer (B3), a buzzer (B4), a buzzer (B6), a buzzer (B7), a buzzer (B8), a buzzer (B9), a buzzer (B10), a buzzer (B11), a buzzer (B13), a buzzer (B15), a buzzer (B16), a buzzer (B17), a buzzer (B18), a buzzer (B19), a buzzer (B20), a buzzer (B21), a buzzer (B22), a buzzer (B23), a buzzer (B24), a buzzer (B25), a buzzer (B26), a buzzer (B27), a buzzer (B28), a buzzer (B29), a buzzer (B30), a buzzer (B31), a buzzer (B32), a buzzer (B33), a buzzer (B34), a buzzer (B35), a buzzer (B36), a buzzer (B37), a buzzer (B38), a buzzer (B39), a buzzer (B40), a buzzer (B41), a buzzer (B42), a buzzer (B43), a buzzer (B44), a buzzer (B45), a buzzer (B46), a buzzer (B47), a buzzer (B48), a buzzer (B49), a buzzer (B50), a buzzer (B51), a buzzer (B52), a buzzer (B53), a buzzer (B54), a buzzer (B55), a buzzer (B56), a buzzer (B57), a buzzer (B58), a buzzer (B59), a buzzer (B60), a buzzer (B61), a buzzer (B62), a buzzer (B63), a buzzer (B64), a buzzer (B65), a buzzer (B66), a buzzer (B67), a buzzer (B68), a buzzer (B69), a buzzer (B70), a buzzer (B71), a buzzer (B72), a buzzer (B73), a buzzer (B74), a buzzer (B75), a buzzer (B76), a buzzer (B77), a buzzer (B78), a buzzer (B79), a buzzer (B80), a buzzer (B81), a buzzer (B82), a buzzer (B83), a buzzer (B84), a buzzer (B85), a buzzer (B86), a buzzer (B87), a buzzer (B88), a buzzer (B89), a buzzer (B90), a buzzer (B91), a buzzer (B92), a buzzer (B93), a buzzer (B94), a buzzer (B95), a buzzer (B96), a buzzer (B97), a buzzer (B98), a buzzer (B99), a buzzer (B100).

PHÒNG NGỦ

The schematic diagram for the bedroom (PHÒNG NGỦ) shows the following components and connections:

- Power Inlets:**
 - J8:** A 3-pin power inlet connected to a switch **Q1** and an LED **D3**. The LED is connected to a resistor **R1** (1k) and then to ground.
 - J12:** A 3-pin power inlet connected to a switch **Q5** and an LED **D7**. The LED is connected to a resistor **R5** (1k) and then to ground.
- Control and Indicator:**
 - Q1, Q5:** Switches controlling the LED lights.
 - D3, D7:** LEDs connected to the switches.
 - R1, R5:** Resistors (1k) connected in series with the LEDs.
- Power Source and Grounding:**
 - A 5V power source is connected to the system.
 - Grounding is indicated by the ground symbol (a triangle with a horizontal line) connected to the negative terminal of the power source and the common terminal of the power outlets.
- Other Components:**
 - J5:** A 3-pin power inlet connected to a 5V power source and ground.
 - B2, B3, B4:** Small components (possibly relays or switches) connected to the power source and ground.

[illegible]

HÀNH LANG

The schematic diagram illustrates the PIR sensor circuit. It features a PIR sensor module (J19) with three pins. The top pin is connected to a 5V supply. The middle pin is connected to a 1k resistor (R10), which is then connected to the anode of an LED (D11). The bottom pin is connected to ground. The LED's cathode is connected to a 9V battery symbol.