**Water level indicator project using AVR Microcontroller:**

**Requirements:**

|  |  |
| --- | --- |
| **Components** | **No’s** |
| 1. 7 segment display | 1 |
| 1. Buzzer | 1 |
| 1. Conductive type sensors | 9 |
| 1. 5v battery | 1 |
| 1. ATMega 32 AVR | 1 |
| 1. Transistors | 8 |

**BLOCK DIAGRAM:**



S1,S2,S3,S4,S5,S6,S7 WATER LEVEL SENSORS

POWER

SUPPLY

MICRO

CONTROLLER

S1

BUZZER

SEVEN SEGMENT

DISPLAY

S2

S3

S4

S5

S6

S7

SAMPLE Block Diagram

**HIGH-LEVEL REQUIREMENTS:**

1. The product should be water-proof
2. Easy installation
3. Low maintenance
4. Compact elegant design.

**LOW-LEVEL REQUIREMENTS:**

1. LED lights in product
2. Type of water