

Department of Electronic and Telecommunication Engineering

University of Moratuwa

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Automatic Water Level Controller

EN2160 - Electronic Design Realization

Name : A. L. Ulindu Pabasara De Silva

Index Number : 200105F

1 Product Specifications

- Pump supply voltage - 230V AC
- Relay voltage - 6V DC
- Circuit supply voltage - 6V DC
- Controller IC - IC 555
- Control power of the pump - 0 - 1 kW
- Size and weight yet to be determined
- Low and high tank water level identification

2 Extra features

- The product already available in aliexpress does not provide a manual switch for the user to turn on or off the controller. I am planning to add a manual switch for the user.
- The product only comes as the circuit. I am planning to add a proper enclosure and make the interface intuitive for any user.