



COLLEGE NAME : PRIYADARSHINI
ENGINEERING COLLEGE

COLLEGE CODE : 5119

COURSE NAME : INTERNET OF THINGS (IOT)

GROUP NUMBER : GROUP 2

PROJECT TITLE : SMART WATER FOUNTAIN

PROJECT SUBMITTED TO : SKILL UP ONLINE

YEAR : 3

GROUP MEMBERS : 1.JANANI [511921106009]

2.JEEVITHA[511921106011]

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GUIDED BY : Dr.A. BANUPRIYA

SPOC NAME : Dr. R. THENMOZHI

Smart Water Fountain

Development 2

1. Fountains wirelessly communicate
with base stations

Base stations collect and

transmit usage, filter, and system health information to the cloud via Ethernet

Wireless communications use

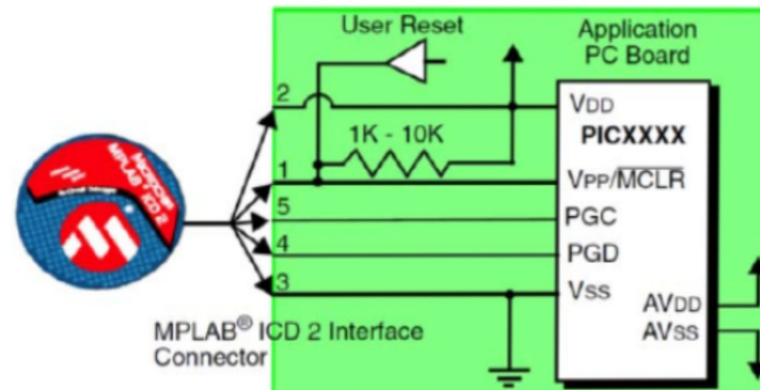
a low-power unlicensed band for improved security and power savings

2. Connection between
the MPLAB ICD2 programmer and
the realized prototype of the control/driving system
(a) and a detailed scheme
of the used RJ25 (6 pins) connector

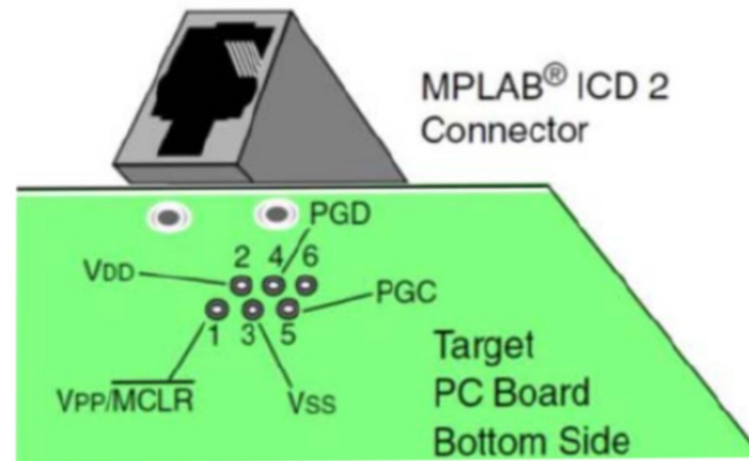
1. Hardware components



2. Software components



(a)



(b)