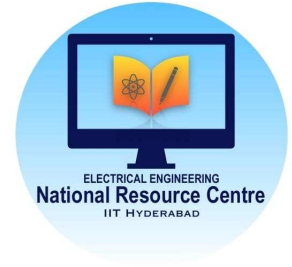




# Seven Segment Display Control through AVR-GCC



G V V Sharma\*

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## REFERENCES

- [1] G. V. V. Sharma. Seven Segment Display through AVR-Assembly. [Online]. Available: [https://github.com/gadepall/arduino/raw/master/assembly/sevenseg/gvv\\_ard\\_assembly\\_sevenseg.pdf](https://github.com/gadepall/arduino/raw/master/assembly/sevenseg/gvv_ard_assembly_sevenseg.pdf)

**Abstract**—This manual shows how to control a seven segment display using AVR-GCC with arduino

## 1 COMPONENTS

Component	Value	Quantity
Breadboard		1
Resistor	$\geq 220\Omega$	1
Arduino	Uno	1
Seven Segment Display	Common Anode	1
Jumper Wires		10

TABLE 0

## 2 DISPLAY CONTROL

1. Connect the arduino to the seven segment display according to [1].
2. Execute the following code

```
wget https://raw.githubusercontent.com/gadepall/arduino/master/avr-gcc/sevenseg/codes/main.c
```

3. Modify the above code to generate numbers between 0-9.

\*The author is with the Department of Electrical Engineering, Indian Institute of Technology, Hyderabad 502285 India e-mail: [gadepall@iith.ac.in](mailto:gadepall@iith.ac.in). All content in this manual is released under GNU GPL. Free and open source.