Yet Another DTMF controlled Robot

ajay_bhargav, Fri May 17 2019, 02:49 pm

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As simple as it sounds, This project is an 8051 based DTMF controlled robot. 8051 receives decoded DTMF tones from MT8870 DTMF decoder. The DTMF input is fed from a GSM phone. There are two motors on the robot which are controlled via dual H-Bridge motor driver L293D.

If you are just starting to learn microcontrollers then this is the project you should start with. It will help you understand the basic IO control in microcontrollers using embedded C.

DTMF controls are as follows:

On pressing '2' robot moved forward
On pressing '8' robot moved backward
On pressing '4' robot moved left
On pressing '6' robot moved right
On pressing '5' robot moved stop

The download package includes source code, hex file, schematics and a description document.

Project credit goes to:
Sharanjit Singh (Canada)

Thank you guys for submitting this project.

Download this project from our download section:
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