

Gravity: Speech Synthesis Module V2.0 (Support English and Chinese)

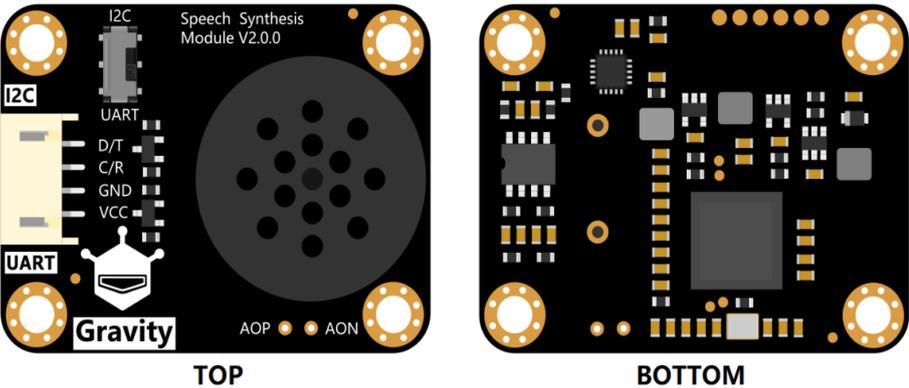
INTRODUCTION

Would you like to add voice to your projects? Connect up this Speech Synthesis module, add a few couple of lines of code, then here goes, your project starts speaking. Both Chinese and English are "so easy" for this speech synthesis module. It also can broadcast the current time and environment data. Combined with a speech recognition module, you can easily have conversations with your projects! The module uses I2C and UART two communication modes, gravity interface, and is compatible with most main controllers on the market. Besides, the module already comes with a speaker, so you don't need to buy one.

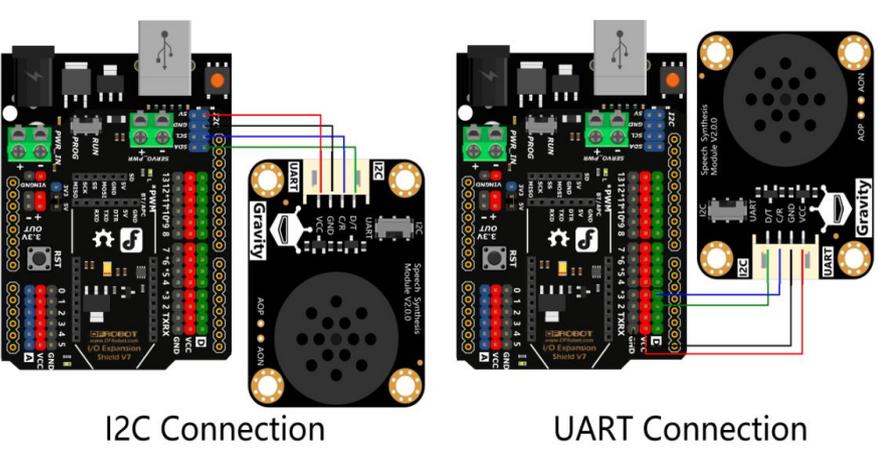
Note: the addresses of the speech synthesis module and micro: bit motor driver board are the same, so they cannot be used together.

V2.0 Function Updates:

- 1. More natural pronunciation
- 2. Fewer pronunciation errors for polyphone characters
- 3. No option of speakers



Board Overview



Connection-Diagram

FEATURES

Support Chinese, English, and mixed reading in Chinese and English
Comes with a Speaker
Gravity I2C/UART Communication
Support Multiple Text Control Identifiers

APPLICATIONS

Robot Voice
Voice Broadcast
Voice Prompt
Text Reading

SPECIFICATION

Power Supply: 3.3V~5V
Operating Current: <160mA
I2C Address: 0x40
Operating Temperature Range: -40°C~85°C
Dimension: 42*32mm/1.65*1.26"

SHIPPING LIST

Gravity: Speech Synthesis module V2.0 (Support English and Chinese) x1
Gravity-4P I2C/UART Sensor Connector x1

