

LED Music Frequency Spectrum Display Soldering Kit

Specification



1. Introduction

LED Music Frequency Spectrum Display Soldering Kit is a set of accessories to make an LED Music Frequency Spectrum Display. This small Display can not only present audio signal on its panel directly, but also bring us a beautiful view aesthetically. It can be called at a certain level LED Music Frequency Spectrum Display endows music a dynamic beauty.

2. Configuration

Components	QTY(PCS)
0805 LED R	46
0805 LED B	46
0805 LED G	46
0805 Resistance 100Ω	12
0805 Resistance 100K	7
0805 Resistance 10Ω	3
0805 Resistance 20K	2
0805 Capacitor 0.1UF	7
0805 Capacitor 1UF	5
AL Electrolytic Capacitor 16V 100UF	2
Patch Power Chip 8002	1
Mount Chip WD201211	1
Mount 6*6 Press Button	1
Mount USB Female Socket mini-5Pin	1
4MM Loudspeaker 8Ω 0.5W	1
Wire 5CM	2
Power Supply + Audio Cable	1
3.5MM earphone 2-in-1connector	1
PCB Board	1



3. Feature

- Specified audio frequency spectrum display drive core with built-in multiple decode algorithm
- Multiple working mode selection enable users to set functions according to requirement
- Single(12*11), multiple(left 6*11,right 6*11) metric dot LED display
- Single voice channel working mode can display more frequency spectrum
- Simple circuit design with stable performance
- No reset circuit and crystal oscillator, illuminate LED without limit current
- 12*11 big metric dot display(132dots), multiple mode selection
- Memory function, preserve parameters set by users forever.

4. Application

- Used for playing music
- Suitable for DIY starters and fans gain practice experience of hand-made artwork .

5. Specification

- Working Voltage: 5V USB power supply
- Working Current: 220ma (Max)
- Signal Input:3.5 Audio Cable Input
- Installation: DIY Soldering Assembly
- Net Weight: 130g(with shell), 67g(without shell)
- Size: 109*15*70mm

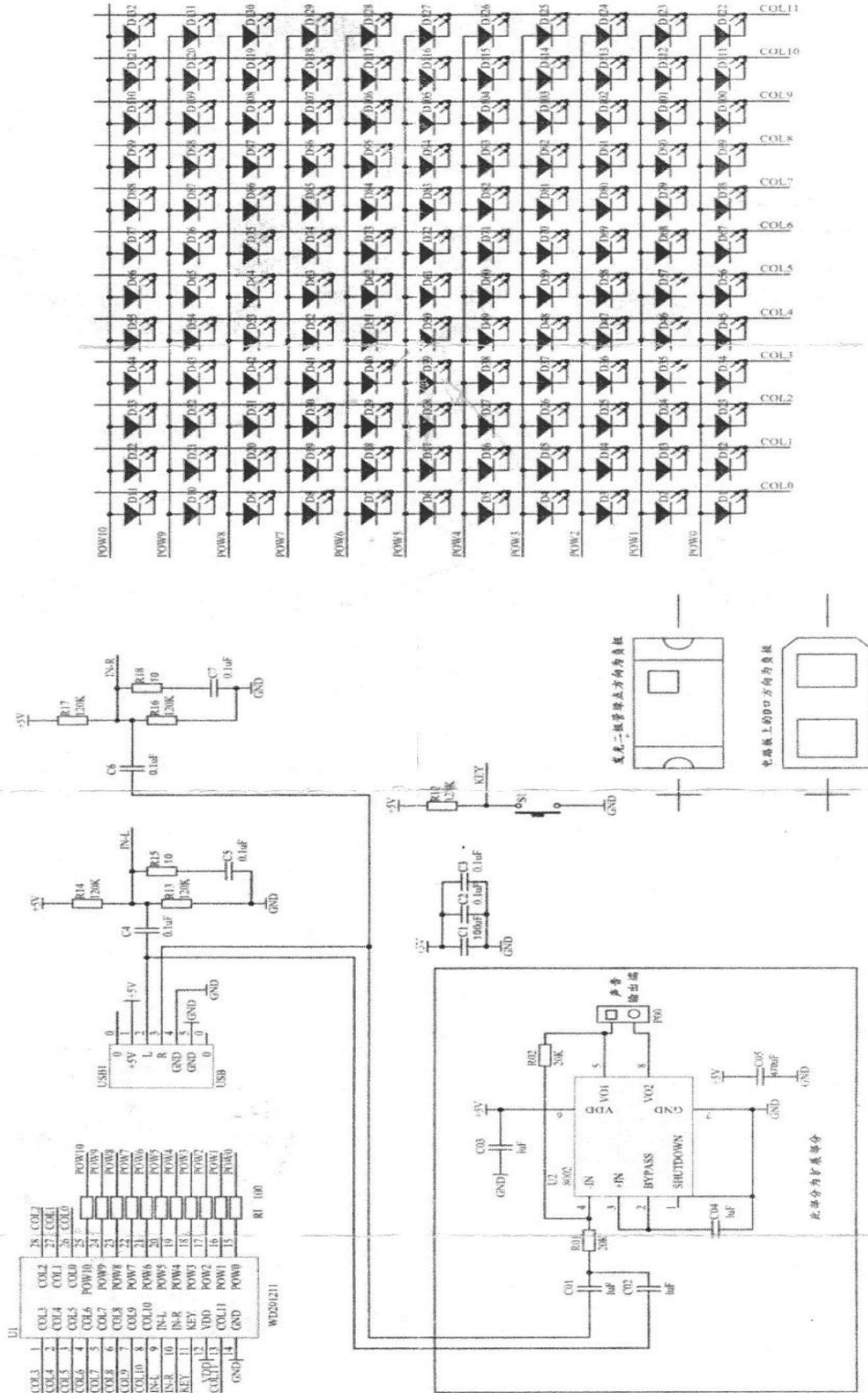


6. Dimension & Layout





Layout





7. Revise History

REVISION	DESCRIPTION	RELEASE DATE
V1.0	Initial version	12/8/2017

8. Contact Information

For more information, please log on <http://www.elec Freaks.com>.