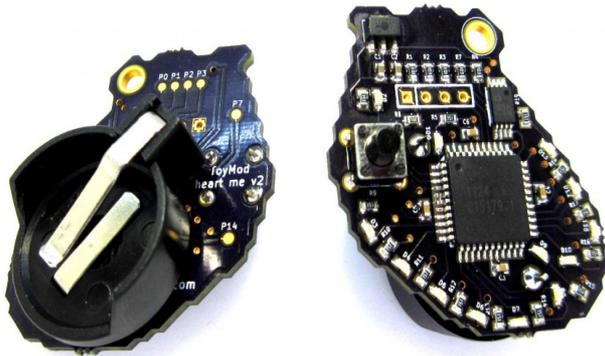




The Toymakers @ tymkrs.com
Questions? Please contact us:
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DATASHEET



Heart Me

Heart Rhythm Module

The Heart Me is an anatomically heart-shaped module that shows the electrical activity of 17 different rhythms.

- Kit Type: SMT – already reflowed for you
- Function: Cardiac Rhythm Simulator
- Shows the electrical activity of 17 different cardiac rhythms with LEDs!

Contents of the Heart Me Breathalyzer Module:

- Heart Me printed circuit board (35.38 x 38.38 x 1.60mm)
- 1x4 male header (for programming, if desired)

Mounting/Header Holes:



Additional physical/electrical specifications:

- Printed Circuit Board size: 1.39 x 1.51 x 0.063" (35.38 x 38.38 x 1.60mm)
- PCB thickness: 0.063" (1.60mm), not including any components
- PCB thickness: 0.787" (20mm), max height with all components on
- Mounting holes: 1 hole provided. This is more for putting on a keychain or pinned on a name card!

Use Instructions

- This requires 2 3.3V Lithium coin cell batteries. The positive side of the batteries faces towards the outside. Once the batteries have been placed, Normal Sinus Rhythm should automatically start showing up on the LEDs. Use the mode switch button to go through the various rhythms!
- This is a great way for patients to visualize what different heart rhythms look like and the difference between Normal Sinus Rhythm and Atrial Fibrillation (a relatively common abnormal heart rhythm).

Rhythms shown in order:

- Normal Sinus Rhythm
- Sinus Bradycardia
- Sinus Tachycardia
- Atrial Fibrillation
- Atrial Flutter
- Supraventricular Tachycardia
- Ventricular Fibrillation
- Ventricular Tachycardia
- Sinus Rhythm with a 1st degree atrioventricular block
- Sinus Rhythm with a 2nd degree atrioventricular block Type 1
- Sinus Rhythm with a 2nd degree atrioventricular block Type 2
- Third degree atrioventricular block
- Sinus Rhythm with a Bundle Branch Block
- Junctional Rhythm
- Idioventricular Rhythm
- Normal Sinus Rhythm with Pre Atrial Contractions
- Normal Sinus Rhythm with Pre Ventricular Contractions
- Off (Propeller still on)