

Version 0.0 | Date 2019

This is a remix and expansion of the OpenSCAD braille module posted by Sean Tikkun and drayed.

Michael Cantino expanded a OpenSCAD Braille font module that can be found at this link

(<https://www.thingiverse.com/thing:3490757>). Michael created a [forum link](#) that discussed his expertise in Braille and open source options to create devices for people living with visual impairment such as Braille labels, tactile maps, and others.

This OpenSCAD document is able to create Braille labels of:

- Numbers
- Letters
- These “dot#” characters are the only characters not included in the original module. They allow for complete transcription of any text into braille.
- Nemeth Numbers – These characters were all included as a contraction or punctuation in the original module. For ease of use when creating Nemeth text, redundant characters were added for Nemeth numbers and symbols. Symbol “n.” is a Nemeth decimal.

Version 1.0 | Date 08/2021

The R&D team at Makers Making Change took the V0.0 devices Braille font module and used it in the Braille Calculator device. This required the team to expand the font module to include the mathematical operators and provide documentation on recommended print settings. Therefore in this version the module has been expanded to include addition, subtraction, multiplication, and division.