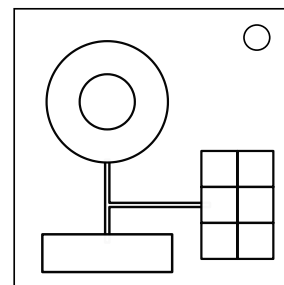


On the Subject of Touch Transmission

Something's wrong I can feel it!

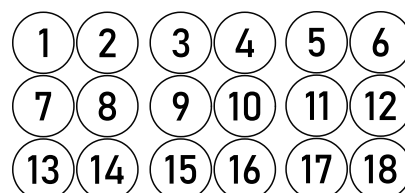
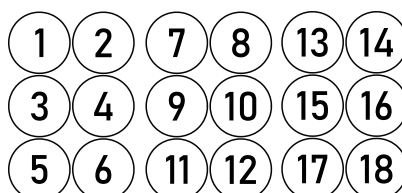
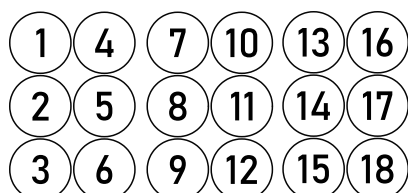
- Pressing the play button will cause the region within the center of the ring to play a series of 18 pulses. Each pulse will last one timer tick.
- The pulses represent Braille, where a raised dot will be represented by the inside of the ring being raised,
- while a flat space will be represented by the area laying flat.
- The pattern of the flashes spell a 3-glyph Braille word, but in one of three orders. The orders are specified below.



Standard Braille Order

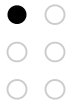


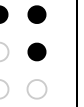
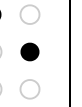
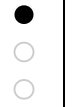
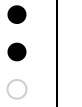
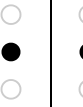
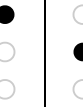

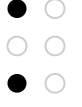


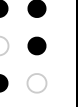
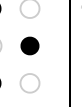
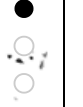
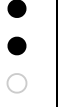
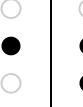


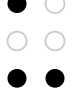
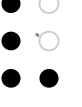

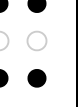
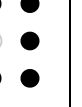
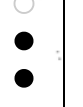
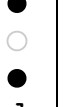
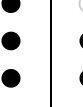
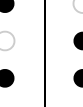
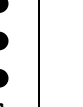



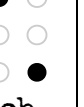

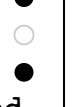
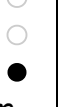
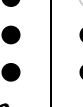
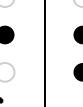
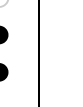



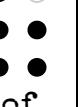
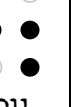
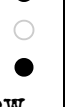
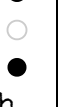

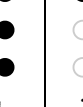
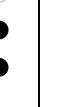
Individual Reading Order

Merged Reading Order



- When the three Braille characters are decoded, they should spell out an English word.
- If the serial number contains a vowel, shift every letter of this word backwards one place. Otherwise shift the letters forward. Wrap around from Z to A.
- Convert this word to Braille, prioritizing glyphs which can represent multiple characters. Read this sequence of Braille glyphs using the previously used ordering.
- For each space in this order, if it has a dot, take its position within its own glyph and press that position on the module. Otherwise, continue to the next space.

Appendix DOT: Unified English Braille chart

 a	 b	 c	 d	 e	 f	 g	 h	 i	 j
 k	 l	 m	 n	 o	 p	 q	 r	 s	 t
 u	 v	 w	 x	 y	 z	 and	 for	 the	 with
 ar	 bb	 cc	 ch	 ea	 ed	 en	 er	 ff	 gg
 gh	 in	 ing	 of	 ou	 ow	 sh	 st	 th	 wh