1. silent\_mode
2. logo\_frame
3. hi
4. digital\_clock\_mode
5. heart\_gif
6. analog\_clock\_mode
7. music\_blank\_mode
8. yo\_gif
9. pinpong\_gif
10. running\_gif
11. weather\_lightning\_gif
12. gps\_gif
13. coffee\_battery\_gif
14. univ\_gif
15. star\_blink\_gif
16. compass\_gif
17. plane\_gif
18. smiley
19. sunrise\_gif
20. packman\_gif
21. snake\_gif
22. roadblock\_gif
23. devil
24. waterfall\_gif
25. piston\_gif
26. fire\_gif

SILENT\_MODE:

<https://xantorohara.github.io/led-matrix-editor/#187e814242241818|987ea1524a241a19>

const uint64\_t SILENT\_MODE[] = {

0x187e814242241818,

0x987ea1524a241a19

};

const int IMAGES\_LEN = sizeof(IMAGES)/8;

Tracuz logo:

<https://xantorohara.github.io/led-matrix-editor/#07060c183061ffff>

Logo Frame:

const uint64\_t IMAGES[] = {

0x07060c183061ffff

};

const int IMAGES\_LEN = sizeof(IMAGES)/8;

<https://xantorohara.github.io/led-matrix-editor/#07060c183061ffff>

Analog Clock Mode:

const uint64\_t IMAGES[] = {

0x07060c183061ffff

};

const int IMAGES\_LEN = sizeof(IMAGES)/8;

<https://xantorohara.github.io/led-matrix-editor/#07060c183061ffff>

Digital Clock Mode:

const uint64\_t IMAGES[] = {

0x07060c183061ffff

};

const int IMAGES\_LEN = sizeof(IMAGES)/8;

**Snake:**

<https://xantorohara.github.io/led-matrix-editor/#0000400000000002|0000400000000202|0000400000020202|0000400002020202|0000400006020202|000040000e020200|000040001e020200|000040003e020000|000040007e000000|000040407c000000|0040404078000000|0062404070000000|0072404060000000|007a404040000000|007e404000000000|027e400000000000|027e000000000000|023e000000000000|021e000000000000|020e000000000000|0206000000000000|0202000000000000|0200000000000000>

const uint64\_t IMAGES[] = {

0x0000400000000002,

0x0000400000000202,

0x0000400000020202,

0x0000400002020202,

0x0000400006020202,

0x000040000e020200,

0x000040001e020200,

0x000040003e020000,

0x000040007e000000,

0x000040407c000000,

0x0040404078000000,

0x0062404070000000,

0x0072404060000000,

0x007a404040000000,

0x007e404000000000,

0x027e400000000000,

0x027e000000000000,

0x023e000000000000,

0x021e000000000000,

0x020e000000000000,

0x0206000000000000,

0x0202000000000000,

0x0200000000000000

};

const int IMAGES\_LEN = sizeof(IMAGES)/8;

**Piston:**

<https://xantorohara.github.io/led-matrix-editor/#bfa121213f3f0c0c|bfa1a1bf3f2d0c0c|bfa1bfbfadad0c0c|bfbfbfadadad8c8c|bfa1bfbfadad0c0c|bfa1a1bf3f2d0c0c>

const uint64\_t IMAGES[] = {

0xbfa121213f3f0c0c,

0xbfa1a1bf3f2d0c0c,

0xbfa1bfbfadad0c0c,

0xbfbfbfadadad8c8c,

0xbfa1bfbfadad0c0c,

0xbfa1a1bf3f2d0c0c

};

const int IMAGES\_LEN = sizeof(IMAGES)/8;

**Waterfall:**

<https://xantorohara.github.io/led-matrix-editor/#2029ad8544525210|29ad854452521020|ad85445252102029|85445252102029ad|445252102029ad85|5252102029ad8544|52102029ad854452|102029ad85445252>

const uint64\_t IMAGES[] = {

0x2029ad8544525210,

0x29ad854452521020,

0xad85445252102029,

0x85445252102029ad,

0x445252102029ad85,

0x5252102029ad8544,

0x52102029ad854452,

0x102029ad85445252

};

const int IMAGES\_LEN = sizeof(IMAGES)/8;

**Road blockage:**

<https://xantorohara.github.io/led-matrix-editor/#0000000800000000|0000081c08000000|00081c3e1c080000|081c3e7f3e1c0800|00081c3e1c080000|0000081c08000000>

const uint64\_t IMAGES[] = {

0x0000000800000000,

0x0000081c08000000,

0x00081c3e1c080000,

0x081c3e7f3e1c0800,

0x00081c3e1c080000,

0x0000081c08000000

};

const int IMAGES\_LEN = sizeof(IMAGES)/8;

Hi:

<https://xantorohara.github.io/led-matrix-editor/#5252525e5e521252>

const uint64\_t IMAGES[] = {

0x5252525e5e521252

};

const int IMAGES\_LEN = sizeof(IMAGES)/8;

Old Animations

https://xantorohara.github.io/led-matrix-editor/#70381c06061c3870|0e1c387070381c0e|0081c3e77e3c1800|5252525e5e521252|2810929254381010|7fa1a1e121120912|3c3c3c3c24243c18|00a412a412a412a4|0181c9c9ebefefff|ff7e363614101000|0040a091110a0400|0727772707ffffff|242418c3ffc31818|000042c3ffc34200|7e3e3e0204081020|ff00307878300000|0000000000000000|003c425a5a423c00|242418dbffc31818|00183c7eff7e3c18|0408100804081020|060cff81999981ff|24545424040a1100|1818181818001818|1028448282926c00|2424ff2424ff2424|281454583c021a18|482414987e190c0c|241414997e180c0c|241414997e180c0c|904828987e190c0c|07060c183061ffff|002020d708080800|0077777700777777|081a2c18182c1a08|1800009999000018|00104438827c0000|03030018180080c0|030100081020c0c0|ffff7e3c99004a89|42a5a542183de600|003c424200666600|003c420000666600|7e7e7e7e24242418|8411001899008210|8142241818244281|181824242418815a|1818001818181818|995a24dbdb245a99|181818ffff181818|00183062c6ccf8f0|02060f193060c080|18314a864a311800|187e814242241818|3844221222443800|22361c3e7f1c0808|1899db7e3c181818|387c7c3814141400|181c3e3d3c040404|8484ff848494c4ff|000042c3c342423c|042c642424263420|0000018181800800|a4a4989afc809818|8040201f1f204080

const uint64\_t IMAGES[] = {

0x70381c06061c3870,

0x0e1c387070381c0e,

0x0081c3e77e3c1800,

0x5252525e5e521252,

0x2810929254381010,

0x7fa1a1e121120912,

0x3c3c3c3c24243c18,

0x00a412a412a412a4,

0x0181c9c9ebefefff,

0xff7e363614101000,

0x0040a091110a0400,

0x0727772707ffffff,

0x242418c3ffc31818,

0x000042c3ffc34200,

0x7e3e3e0204081020,

0xff00307878300000,

0x0000000000000000,

0x003c425a5a423c00,

0x242418dbffc31818,

0x00183c7eff7e3c18,

0x0408100804081020,

0x060cff81999981ff,

0x24545424040a1100,

0x1818181818001818,

0x1028448282926c00,

0x2424ff2424ff2424,

0x281454583c021a18,

0x482414987e190c0c,

0x241414997e180c0c,

0x241414997e180c0c,

0x904828987e190c0c,

0x07060c183061ffff,

0x002020d708080800,

0x0077777700777777,

0x081a2c18182c1a08,

0x1800009999000018,

0x00104438827c0000,

0x03030018180080c0,

0x030100081020c0c0,

0xffff7e3c99004a89,

0x42a5a542183de600,

0x003c424200666600,

0x003c420000666600,

0x7e7e7e7e24242418,

0x8411001899008210,

0x8142241818244281,

0x181824242418815a,

0x1818001818181818,

0x995a24dbdb245a99,

0x181818ffff181818,

0x00183062c6ccf8f0,

0x02060f193060c080,

0x18314a864a311800,

0x187e814242241818,

0x3844221222443800,

0x22361c3e7f1c0808,

0x1899db7e3c181818,

0x387c7c3814141400,

0x181c3e3d3c040404,

0x8484ff848494c4ff,

0x000042c3c342423c,

0x042c642424263420,

0x0000018181800800,

0xa4a4989afc809818,

0x8040201f1f204080

};

const int IMAGES\_LEN = sizeof(IMAGES)/8;

coffee battery

https://xantorohara.github.io/led-matrix-editor/#febefe2210240800|febefe2200141401|febefe2204120803|febefe2214140007|febefe221024040f|febefe220014281f|febefe220412083f|febefe220414107f|febefe2200140aff

const uint64\_t IMAGES[] = {

0xfebefe2210240800,

0xfebefe2200141401,

0xfebefe2204120803,

0xfebefe2214140007,

0xfebefe221024040f,

0xfebefe220014281f,

0xfebefe220412083f,

0xfebefe220414107f,

0xfebefe2200140aff

};

const int IMAGES\_LEN = sizeof(IMAGES)/8;

univ

https://xantorohara.github.io/led-matrix-editor/#0148001918800210|1000821818018009|20040018990000a4|9000029818010048

const uint64\_t IMAGES[] = {

0x0148001918800210,

0x1000821818018009,

0x20040018990000a4,

0x9000029818010048

};

const int IMAGES\_LEN = sizeof(IMAGES)/8;

star blik

https://xantorohara.github.io/led-matrix-editor/#8002100100440820|7ffdeffeffbbf7df

const uint64\_t IMAGES[] = {

0x8002100100440820,

0x7ffdeffeffbbf7df

};

const int IMAGES\_LEN = sizeof(IMAGES)/8;

compass

https://xantorohara.github.io/led-matrix-editor/#00183062c6ccf8f0|f0f8ccc660301000|0f1f3363060c0800|00080c0663331f0f

const uint64\_t IMAGES[] = {

0x00183062c6ccf8f0,

0xf0f8ccc660301000,

0x0f1f3363060c0800,

0x00080c0663331f0f

};

const int IMAGES\_LEN = sizeof(IMAGES)/8;

gps

https://xantorohara.github.io/led-matrix-editor/#1800009999000018|0c00809819010030|0442801818014220|2042011818804204|300001199880000c

const uint64\_t IMAGES[] = {

0x1800009999000018,

0x0c00809819010030,

0x0442801818014220,

0x2042011818804204,

0x300001199880000c

};

const int IMAGES\_LEN = sizeof(IMAGES)/8;

pinpong

https://xantorohara.github.io/led-matrix-editor/#0080808103010000|0000808081050100|0000008181810800|0000010181808010|0000018181802000|0001010180c08000|00000181a1800000|0101819080000000|0081898100000000|8185810000000000|0281818100000000|0381818000000000|0085818100000000|0080898101000000|0000809181010000|00008181a1000000|0000008081c10100|0000008181812000|0000808181010010|0080818101000800|0080808101050000|0000808183010000

const uint64\_t IMAGES[] = {

0x0080808103010000,

0x0000808081050100,

0x0000008181810800,

0x0000010181808010,

0x0000018181802000,

0x0001010180c08000,

0x00000181a1800000,

0x0101819080000000,

0x0081898100000000,

0x8185810000000000,

0x0281818100000000,

0x0381818000000000,

0x0085818100000000,

0x0080898101000000,

0x0000809181010000,

0x00008181a1000000,

0x0000008081c10100,

0x0000008181812000,

0x0000808181010010,

0x0080818101000800,

0x0080808101050000,

0x0000808183010000

};

const int IMAGES\_LEN = sizeof(IMAGES)/8;

plane

https://xantorohara.github.io/led-matrix-editor/#140808492a1c0808|00140808492a1c08|0000140808492a1c|000000140808492a|0800000014080849|0808000000140808|1c08080000001408|2a1c080800000014|492a1c0808000000|08492a1c08080000|0808492a1c080800

const uint64\_t IMAGES[] = {

0x140808492a1c0808,

0x00140808492a1c08,

0x0000140808492a1c,

0x000000140808492a,

0x0800000014080849,

0x0808000000140808,

0x1c08080000001408,

0x2a1c080800000014,

0x492a1c0808000000,

0x08492a1c08080000,

0x0808492a1c080800

};

const int IMAGES\_LEN = sizeof(IMAGES)/8;

heart

https://xantorohara.github.io/led-matrix-editor/#00001824425a2400|00183c66c3db7e24|0018244281815a24|00183c66c3db7e24

const uint64\_t IMAGES[] = {

0x00001824425a2400,

0x00183c66c3db7e24,

0x0018244281815a24,

0x00183c66c3db7e24

};

const int IMAGES\_LEN = sizeof(IMAGES)/8;

weather lightning

https://xantorohara.github.io/led-matrix-editor/#0000040804020408|0000040804020448|0002040884422448|0000204084422448|0010204080402448|0000000080402040|0000000000000040|0000000000020408

const uint64\_t IMAGES[] = {

0x0000040804020408,

0x0000040804020448,

0x0002040884422448,

0x0000204084422448,

0x0010204080402448,

0x0000000080402040,

0x0000000000000040,

0x0000000000020408

};

const int IMAGES\_LEN = sizeof(IMAGES)/8;

running

https://xantorohara.github.io/led-matrix-editor/#1068181a5c380c0c|3018183838180c0c

const uint64\_t IMAGES[] = {

0x1068181a5c380c0c,

0x3018183838180c0c

};

const int IMAGES\_LEN = sizeof(IMAGES)/8;

music

https://xantorohara.github.io/led-matrix-editor/#fffffd6d64604000|ffff6f6565242000|ffffffae22220000|ffffffde96920200

const uint64\_t IMAGES[] = {

0xfffffd6d64604000,

0xffff6f6565242000,

0xffffffae22220000,

0xffffffde96920200

};

const int IMAGES\_LEN = sizeof(IMAGES)/8;

yo

https://xantorohara.github.io/led-matrix-editor/#38383c3c3c000000|38383c3e3c240000|38383c3e3c242400|38383c3e3d242424

const uint64\_t IMAGES[] = {

0x38383c3c3c000000,

0x38383c3e3c240000,

0x38383c3e3c242400,

0x38383c3e3d242424

};

const int IMAGES\_LEN = sizeof(IMAGES)/8;

radar

https://xantorohara.github.io/led-matrix-editor/#0002001818040201|0040001818101010|0002001818204080|004000f818000000|8040201818004000|0848081818000000|0102041818000200|0040001f18000000

const uint64\_t IMAGES[] = {

0x0002001818040201,

0x0040001818101010,

0x0002001818204080,

0x004000f818000000,

0x8040201818004000,

0x0848081818000000,

0x0102041818000200,

0x0040001f18000000

};

const int IMAGES\_LEN = sizeof(IMAGES)/8;

smiley

https://xantorohara.github.io/led-matrix-editor/#003c420000666600|003c428100666600

const uint64\_t IMAGES[] = {

0x003c420000666600,

0x003c428100666600

};

const int IMAGES\_LEN = sizeof(IMAGES)/8;

sunrise

https://xantorohara.github.io/led-matrix-editor/#ffff7e3c00000000|ffff7e3c00812442|ffff7e3c00810042

const uint64\_t IMAGES[] = {

0xffff7e3c00000000,

0xffff7e3c00812442,

0xffff7e3c00810042

};

const int IMAGES\_LEN = sizeof(IMAGES)/8;

<https://xantorohara.github.io/led-matrix-editor/#0000000080000000|0000010080000100|0001020487040201|0003040281020403|000708109e100807|000e11088408110e|001c2241f941221c|0038442292224438|00384482f2824438|00e01088488810e0|00c02010901020c0|0080402020204080|0000804040408000|0000008080800000|0000000000000000>  
const uint64\_t PACKMAN\_GIF[] = {

0x0000000080000000,

0x0000010080000100,

0x0001020487040201,

0x0003040281020403,

0x000708109e100807,

0x000e11088408110e,

0x001c2241f941221c,

0x0038442292224438,

0x00384482f2824438,

0x00e01088488810e0,

0x00c02010901020c0,

0x0080402020204080,

0x0000804040408000,

0x0000008080800000,

0x0000000000000000

};

const int IMAGES\_LEN = sizeof(IMAGES)/8;

Road Block:

<https://xantorohara.github.io/led-matrix-editor/#0000000800000000|0000000000000000|0000081c08000000|0000000000000000|00081c3e1c080000|0000000000000000|081c3e7f3e1c0800|0000000000000000|00081c3e1c080000|0000000000000000|0000081c08000000>

const uint64\_t IMAGES[] = {

0x0000000800000000,

0x0000000000000000,

0x0000081c08000000,

0x0000000000000000,

0x00081c3e1c080000,

0x0000000000000000,

0x081c3e7f3e1c0800,

0x0000000000000000,

0x00081c3e1c080000,

0x0000000000000000,

0x0000081c08000000

};

const int IMAGES\_LEN = sizeof(IMAGES)/8;

<https://xantorohara.github.io/led-matrix-editor/#1824420000666600>

const uint64\_t DEVIL[] = {

0x1824420000666600

};

const int IMAGES\_LEN = sizeof(IMAGES)/8;

<https://xantorohara.github.io/led-matrix-editor/#fffef4e040000000|ffff6e4400000000|ffff5f0e04000000|ffffee4400000000|fffef4e040000000|ffffff4e04000000>

const uint64\_t FIRE[] = {

0xfffef4e040000000,

0xffff6e4400000000,

0xffff5f0e04000000,

0xffffee4400000000,

0xfffef4e040000000,

0xffffff4e04000000

};

const int IMAGES\_LEN = sizeof(IMAGES)/8;