

Hz7200_FGAB_CDEFGABC_DE_table

Robot Communication

02.06.2019

Note: Even if these sounds/frequencies are not tone of the C-sharp scale anymore
I decided to keep the name A,B,C, D... just as a convenient way to designate them

Leds can be activated or not

7200

Compulsory Sampling rate

Sample_length

1440

Divisor

| Frequ (Hz) | Tone | fct | leds | Seg | seg start | seg end | length |
|------------|---------|-----|------|-------|-----------|---------|--------|
| 9.5 | 757.89 | F | f0() | 4 & b | 0 | 1439 | 1440 |
| 9 | 800.00 | G | g0() | 5 & b | 1 | 1440 | 2879 |
| 8.5 | 847.06 | A | a0() | 6 & b | 2 | 2880 | 4319 |
| 8 | 900.00 | B | b0() | 7 & b | 3 | 4320 | 5759 |
| 7.5 | 960.00 | C | c() | 1 | 4 | 5760 | 7199 |
| 7 | 1028.57 | D | d() | 2 | 5 | 7200 | 8639 |
| 6.5 | 1107.69 | E | e() | 3 | 6 | 8640 | 10079 |
| 6 | 1200.00 | F | f() | 4 | 7 | 10080 | 11519 |
| 5.5 | 1309.09 | G | g() | 5 | 8 | 11520 | 12959 |
| 5 | 1440.00 | A | a() | 6 | 9 | 12960 | 14399 |
| 4.5 | 1600.00 | B | b() | 7 | 10 | 14400 | 15839 |
| 4 | 1800.00 | C | c1() | 1 & f | 11 | 15840 | 17279 |
| 3.5 | 2057.14 | D | d1() | 2 & f | 12 | 17280 | 18719 |
| 3 | 2400.00 | E | e1() | 3 & f | 13 | 18720 | 20160 |

200 ms