# Unit Types

|  |  |  |
| --- | --- | --- |
| Unit Type | Definition Name | Description |
| 0 | UNIT\_TYPE\_NONE | No unit, should not be converted. |
| 1 | UNIT\_TYPE\_LSB | Least Significant Bit (LSB), from ADC or DAC |
| 2 | UNIT\_TYPE\_PERCENT | Percent (%): unitless \* 100 |
| 3 | UNIT\_TYPE\_VOLT | Electrical voltage in Volts |
| 4 | UNIT\_TYPE\_AMPERE | Electrical current in Amperes |
| 5 | UNIT\_TYPE\_WATT | Electrical/mechanical power in Watts |
| 6 | UNIT\_TYPE\_OHM | Electrical resistance in Ohms |
| 7 | UNIT\_TYPE\_CELSIUS | Temperature in °C |
| 8 | UNIT\_TYPE\_PASCAL | Pressure in Pascals |
| 9 | UNIT\_TYPE\_NEWTONS | Force in Newtons |
| 10 | UNIT\_TYPE\_M\_PER\_S | Velocity in m/s |
| 11 | UNIT\_TYPE\_M\_PER\_S2 | Acceleration in m/s2 |
| 12 | UNIT\_TYPE\_DB | Logarithmic ratio in decibels |
| 13 | UNIT\_TYPE\_DBM | Logarithmic power in decibels, referenced to 1mW |
| 14 | UNIT\_TYPE\_STRAIN | Mechanical strain (unitless) |
| 15 | UNIT\_TYPE\_HZ | Frequency in Hertz |
| 16 | UNIT\_TYPE\_SECOND | Time in seconds |
| 17 | UNIT\_TYPE\_LSB\_PER\_CELSIUS | LSB per °C, for temperature compensation |