

## 1 Intro

In the early nineties, **GSM** was deployed in many European countries. Global System for Mobile communication (**GSM**) offered for the first time international roaming for mobile subscribers. The **GSM**'s use of Time Division Multiple Access (**TDMA**) as its communication standard was debated at length. And every now and then there are big discussion whether Code Division Multiple Access (**CDMA**) should have been chosen over **TDMA**.

## 2 Furthermore

The reader could have forgotten all the nice acronyms, so we repeat the meaning again.

If you want to know more about Global System for Mobile communication (**GSM**), Time Division Multiple Access (**TDMA**), Code Division Multiple Access (**CDMA**) and other acronyms, just read a book about mobile communication. Just to mention it: There is another Used Acronym (**UA**), just for testing purposes!

Figure

Figure 1: A float also admits references like **GSM** or Code Division Multiple Access (**CDMA**).

### 2.1 Some chemistry and physics

Nicotinamide Adenine Dinucleotide (**NAD<sup>+</sup>**) is a major electron acceptor in the oxidation of fuel molecules. The reactive part of **NAD<sup>+</sup>** is its nictinamide ring, a pyridine derivate.

One mol consists of **N<sub>A</sub>** atoms or molecules. There is a relation between the constant of Boltzmann and the Number of Avogadro:

$$k = R/N_A \tag{1}$$

Liquid Oxygen/Liquid Hydrogen (**LOX/LH<sub>2</sub>**)

### 2.2 Some testing fundamentals

When testing Integrated Circuits (**ICs**), one typically wants to identify functional blocks to be tested separately. The latter are commonly indicated as Blocks Under Test (**BUTs**). To test a **BUT** requires defining a testing strategy...

### 3 Acronyms

|                        |  |          |
|------------------------|--|----------|
| <b>CDMA</b>            | Code Division Multiple Access . . . . .          | <b>1</b> |
| <b>GSM</b>             | Global System for Mobile communication . . . . . | <b>1</b> |
| $N_A$                  | Number of Avogadro (see §2.1)                    |          |
| <b>NAD<sup>+</sup></b> | Nicotinamide Adenine Dinucleotide . . . . .      | <b>1</b> |
| <b>TDMA</b>            | Time Division Multiple Access . . . . .          | <b>1</b> |
| <b>UA</b>              | Used Acronym . . . . .                           | <b>1</b> |
| <i>LOX</i>             | Liquid Oxygen                                    |          |
| <i>LH<sub>2</sub></i>  | Liquid Hydrogen                                  |          |
| <b>IC</b>              | Integrated Circuit . . . . .                     | <b>1</b> |
| <b>BUT</b>             | Block Under Test . . . . .                       | <b>1</b> |