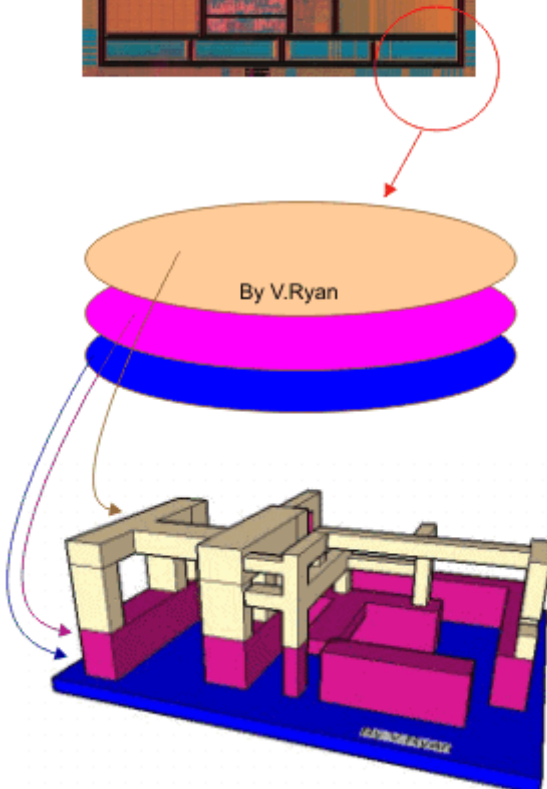
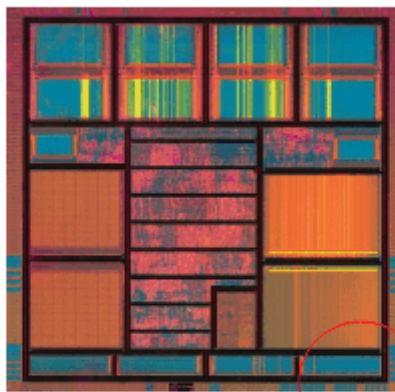


1^{ère} STI2D
Anglais

O. SAYADI
P. GILME

INTEGRATED CIRCUITS - 2



Integrated circuits are composed hundreds, thousands and even hundreds of thousands of electronic components. These are formed on interlocking layers / wafers of silicon making it possible to create small individual electronic components. An example of the an integrated circuit with its many layers can be seen opposite.

If an area of an integrated circuit is magnified thousands of times its various layers can be seen. The drawing opposite shows three layers, each layer is shown as a specific colour. Although transistors and resistors do not look like typically sized components, the interlocking layers form miniature versions and they work in the same way.

