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ABSTRACT

A NOVEL COPPER METAL STRUCTURE FOR THE REDUCTION OF INTRA-METAL CAPACITANCE

A new method and structure is provided for the creation of interconnect lines. The cross section of the interconnect lines of the invention, taken in a plane that is perpendicular to the longitudinal direction of the interconnect lines, is a triangle as opposed to the conventional square or rectangular cross section of interconnect lines.

FIGURE 7