

CROSSWORD No. 6

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CROSSWORD No. 6 clues

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ACROSS

- 1 / Material with electrical resistance less than that of an insulator but greater than that of a metal.
- 7 / Light Dependent Resistor (abbreviated).
- 9 / Non-metallic element essential for the semiconductor industry.
- 11 / Small time unit (abbreviated).
- 12 / See 13 Across.
- 13 & 12 Across / Heat related Brownian motion (usually of electrons) interference.
- 15 / MegaBytes per second or Megabits per second (abbreviated).
- 16 / Radio Frequency Interference (abbreviated).
- 17 / A major component of solder.
- 18 / Brings a sequence back to the beginning.
- 20 / A type of SCR.
- 22 / Four electrode thermionic valve.
- 24 / Angular rotation of a craft about a vertical axis.
- 25 / Automatic Direct Analog Computer (acronym).
- 27 / Logic operation.
- 28 / Sound within our normal hearing range (abbreviated).
- 30 / Light emitting semiconductors (acronym).
- 31 & 37 Across / A fabrication (usually on silicon) as an assembly of electronic elements in a single structure.
- 35 / Mathematical ratio approximately equal to $\frac{22}{7}$.
- 37 / See 31 Across.
- 39 / Usually a drowned glacial valley.
- 40 / Programmable Read Only Memory module (acronym).
- 41 / For each.
- 42 / What most of this crossword puzzle is about.
- 43 / Japanese physicist involved in the discovery of electron tunnelling.

DOWN

- 1 / Semiconductor device with a low forward voltage drop and very fast switching action.
- 2 / Type of Field Effect Transistor (acronym).
- 3 / Vertical structure usually carrying a load (or data).
- 4 / A small streamline body attached to a craft, housing engine, special equipment, or crew.
- 5 / Usually a three electrode semiconductor with transconductance as its main property.
- 6 / Another name for a "wireless".
- 7 / A coherent light source device (acronym).
- 8 / Another name for a diode.
- 10 / Symbol or figure representing a quantity.
- 14 / Annulus.
- 18 / A cylindrical shaped object.
- 19 / An alloy used for joining metals together.
- 21 / Word denoting the letter "T" in the radio alphabet.
- 23 / Chemical symbol for Erbium.
- 26 / Ion in an electrolyte which carries a positive charge.
- 29 / 10^{-15} Metre, now replaced with the SI term "femtometre".
- 30 / Metric unit of volume.
- 32 / The fourth dimension.
- 33 / Australian Community Safety & Research Organisation (acronym).
- 34 / Electrical current with non fluctuating polarity.
- 35 / Type of circular chart.
- 36 / Common style of directional antenna.
- 38 / Battery based back-up inverter usually for mains (abbreviated).
- 40 / Chemical symbol for Praseodymium (or a type of exercise this crossword puzzle is).