

Introduction

Logic Families

Digital ICs not only classified according to their logical operation but also by specific logic circuit family to which they belong....

Dr. Yash Agrawal @ DA-IICT Gandhinagar

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Different Types of Logic Families

• RTL: Resistor Transistor Logic

• DCTL: Direct Coupled Transistor Logic

• RCTL: Resistor Capacitor Transistor Logic

• DTL: Diode Transistor Logic

• TTL: Transistor Transistor Logic

• IIL: Integrated Injection Logic

• HTL: High Threshold Logic

• ECL: Emitter Coupled Logic

MOS: Metal Oxide Semiconductor

• CMOS: Complementary Metal Oxide Semiconductor