

Application Specific Integrated Circuit (ASIC)

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Application Specific Integrated Circuit (ASIC) is basically an integrated circuit that is designed specifically for an individual purpose or [application](#). Strictly speaking, this also implies that an ASIC is built for one and only one customer. The opposite of an ASIC is a standard product or general-purposed IC, such as a logic gate or a general-purposed [microcontroller](#) chip, both of which can be used across a large range of electronic applications. ASICs are usually classified into one of three categories; full custom, semi-custom, and structured

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