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## Metal-Semiconductors Contacts - Engineering LibreTexts

Microfabrication is a technique that use semiconductor manufacturing processes such as ion etching, diffusion, oxidation, sputtering etc. in combination with specialized micromachining techniques. This machining occurs in the range of 1-100 micrometers in size,

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where both the mechanical parts and the electronics that control them are built in the same piece of silicon.

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Physics of Semiconductor Devices, Third Edition offers engineers, research scientists, faculty, and students a practical basis for understanding the most important devices in use today and for evaluating future device performance and limitations. A Solutions Manual is available from the editorial department.

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### Physics of Semiconductor Devices | Wiley Online Books

The metal-semiconductor (MS) contact is an important component in the performance of most semiconductor devices in the solid state. As the name implies, the MS junction is that a metal and a semiconductor material are contacted closely. Basically, there are two types of MS contacts that are widely used in semiconductor

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devices:

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Groups. PhD thesis, Universiti Sains Malaysia.

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