Two major features of this text

<This is a text to pass the Japanese national certification examination. >

- Since explanatory materials are systematically made based on subject examination questions, preparation studies are possible about all items of subject examinations without prior knowledge. Therefore, even if you begin studying from text parts, or solving problems, you can understand. It contains examination questions for the past four years.
- Studies other than processes of which you take charge are also easy.
- •As for "difficult industry English notation", commentaries are attached.

<This is an educational text of semiconductor packages and backend processes for new employees.>

- •All the semiconductor assemblies can be understood visually from beginning to end.
- Since the semiconductor packages are introduced in order of developments depending on familiar usage, you can understand why many kinds of packages are required.
- •You will understand something with the assembly (the bonding) of the semiconductor.

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2	Vacuum Tube Radio
3	Transistor
4	Transistor Television
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6	Terminal Insertion Type
7	Home TV Game Machine
8	Refrigerators and Air Conditioners
9	QFP (Quad Flat Package)
10	SOP (Small Outline Package)
11	J Lead Surface Mounting Type
12	Second Generation TV Game Machine
13	BGA (Ball Grid Array)
14	BGA and QFN (QF Non-leaded Package)
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24	Cellular Phone and Digital Camera
25	How to Call Package Externals
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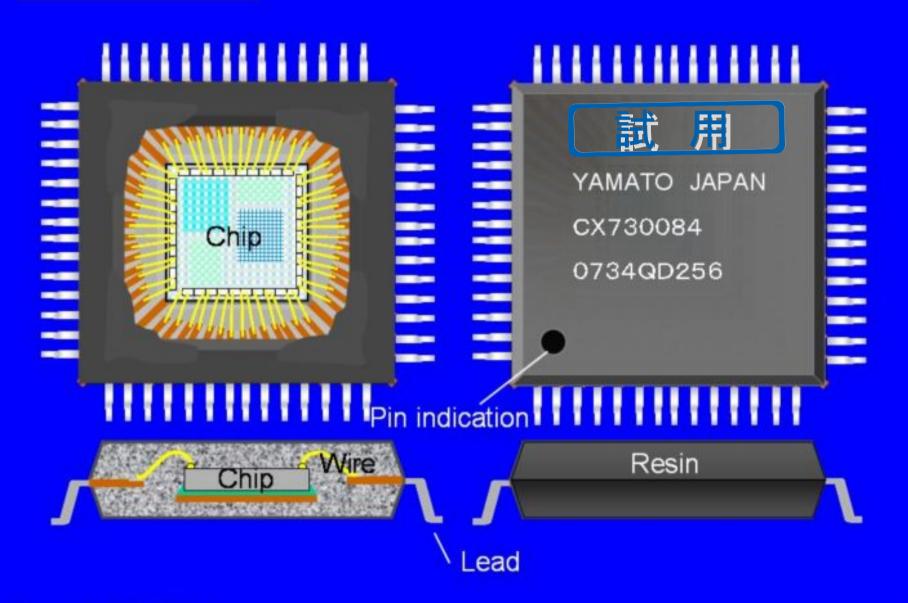
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QFP

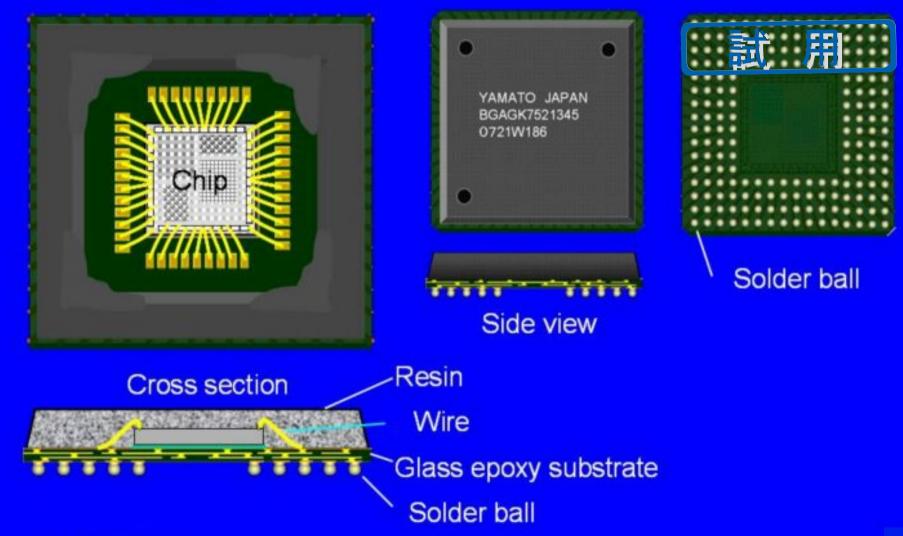




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Outline of wire bonding

