

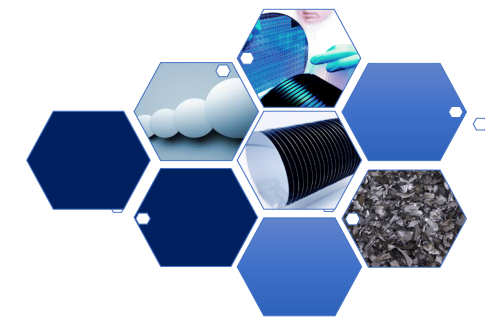
*– A leading global brand in niche Si wafer market –*



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# Introduction

Integrated Manufacturing Service Silicon (IMSi) is an advanced commerce platform, which is invented by USIC. Not only running as a tool, but a trustworthy partner, the core idea of this concept is to proceed multi-sourcing integration. Via IMSi as a medium platform, customized wafer materials can be achieved based on the collaboration of R&D, design and production from manufactures to end-customers. This novel operation mode (IMSi) enables users to obtain revenue.

In practice, IMSi has been proven successful at stable operation, long-term development, and steady revenue. Moreover, for integration of manufacturing in future, because the products are customer driven, IMSi has been playing an important role for saving costs at R&D technology development.

## 200mm Single Crystal Silicon Wafer

IMSi Product	Prime	Test	Thin Test	Dummy	FZ
Growth method	CZ/MCZ				FZ
Type	P or N				P
Resistivity (Ohm-cm)	0.003-100				1-10,000
Thickness (μm)	725±20	725±25	≥600	≥600	725±25
Particle	≥0.2μm Max30ea			N.S	≥0.2μm Max30ea

## 300mm Single Crystal Silicon Wafer

IMSi Product	UltraClean	SuperClean	Clean	UltraTest	SuperTest	Test	Mechanical	Dummy
Growth method	CZ/MCZ							
Type	P							
Resistivity (ohm-cm)	1-100							0.1-100
Thickness (μm)	775±25							≥650
Particle	≥37nm Max 100ea	≥45nm Max 100ea	≥65nm Max 100ea	≥90nm Max 50ea	≥120nm Max 50ea	≥200nm Max 30ea	≥300nm Max 30ea	N.S

- Apart from the above-mentioned items, USIC also provides a wide range of wafer products such as reclaim wafer, oxide wafer, aluminium wafer.

# IMSi Platform

