

● Product List ●

We offer customizable products. We can change the type and thickness of the wafer film based on your demand. Should you have any requests, please contact us.

- Bare Si wafer (100mm, 150mm, 200mm, 300mm)
- Various Blanket wafer (100mm, 150mm, 200mm, 300mm)
 - Cu, Ta/ TaN, W, Ti/ TiN, Al-Cu, SiN, PE-TEOS, HDP, HARP oxide, Poly-Si, Th-Ox, ACL, SiC, SiON,
 - Low-k, ULK, High-k
 - precious metals- Ru, Co, CoEP, Pt, Au
- Resin Material - Photo Resist, Polyimide, EMC, PBO, BCB
- Various Patterned wafer (available for 200mm /300mm Wafer)
 - MIT 854/754 Pattern Wafer (W, Cu, Al), MIT 864/764 STI Pattern, ILD Pattern Wafer
 - AMT STI Pattern Wafer (min.0.18um LS)
 - 3D Pattern wafer
 - KrF, ArF Litho, Immersion litho and Etched wafer
 - High-dose Implanted Wafer
 - TSV test wafer, low-temperature TEOS, low-temperature SiN Wafer
- Fine Trench Pattern Wafer, Hole Pattern Wafer
- Glass Wafer
- We offer measurement services of Si wafer

Advanced Materials Technology, Inc. <https://www.amti.co.jp>
アドバンスマテリアルズテクノロジー株式会社



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アドバンスマテリアルズテクノロジー株式会社

AMT Test Wafer Brochure

High Quality Test Wafer Supplier

The customer is our priority
—we are always on your side

Advanced Materials Technology, Inc.

AMT 180nm STI Pattern Wafer

HDP Oxide complete filling into STI trenches

Center (0.18/0.18um)

Edge (0.18/0.18um)

AMT Proprietary

AMT 180nm SiN-on-Poly Pattern Wafer

LP-SiN complete filling into Poly trenches

Center (0.18/0.18um)

Edge (0.18/0.18um)

AMT Proprietary

AMT Custom BUMP Pattern Wafer

We offer BUMP Pattern wafers with customized MASK.

- Photo Resist Pattern
- Cu Pillar BUMP

AMT Proprietary

AMT 180nm W-CVD Pattern Wafer

Mass production technology of TiN/W-CVD fill

Center (180nm)

Center (250nm)

AMT Proprietary

AMT 180nm ECu Pattern Wafer

Mass production technology of ECu fill

Center (180nm)

AMT Proprietary

AMT 180nm Mo-PVD Pattern Wafer

Mo complete filling into TEOS trenches

0.18/0.18um

0.25/0.25um

AMT Proprietary

AMT 3D ILD Pattern Wafer

Large Pattern (10um/3um)

Dense Pattern (10um/10um)

AMT Proprietary

AMT TSV Pattern Wafer - Process Steps

SACVD oxide liner fill

Ta barrier fill

Cu seed fill

Cu electro-plating

AMT Proprietary

AMT Fine Trench Pattern Wafer

Center (60/60nm)

Edge (60/60nm)

AMT Proprietary