



Amkor Technology, Inc. Corporate Update

External | Q3 2022

Amkor by the Numbers



Founded in
1968



\$6.1B
Net Sales*



30,000+
Employees



\$780M
CapEx*



11,000,000
Square Feet of
Manufacturing Space



Footprint in
11 countries

End Markets



Automotive



Communications



Industrial



Computing



Consumer

*2021 results

Q3 2022 Results

- ▶ Record Q3 revenue of \$2.1B, up 24% YoY
- ▶ Full recovery in Shanghai operations
- ▶ Record revenue in all end markets
- ▶ Steep ramps in support of Fall launch of premium tier smartphones and new IoT and automotive products



Q3 2022 End Markets



Communications

- ▶ Revenue up 35% YoY
- ▶ Strength in 5G premium tier smartphones
- ▶ Wide range of Advanced packaging technology offerings



Consumer

- ▶ Revenue up 14% YoY
- ▶ New IoT product ramps
- ▶ Expanding in Vietnam to support future demand



Automotive and Industrial

- ▶ Revenue up 13% YoY
- ▶ Trusted partner of leading automotive customers
- ▶ Expanding capacity and technology in key regions



Computing

- ▶ Revenue up 22% YoY
- ▶ Deverticalization with new players emerging
- ▶ Increasing outsourced supply chains

Q4 2022 Outlook

- ▶ Quarterly revenue of \$1.85B
 - ▷ Up 7% YoY
- ▶ Pockets of softening & inventory buildup in PCs and mid/low tier smartphones
- ▶ Resilient demand for advanced packaging within premium tier smartphones and automotive electronics
- ▶ U.S. export controls impact low single digits percent of revenue



Amkor's Differentiators



Technology

- ▶ Advanced Packaging Leadership
- ▶ Engineering Services
- ▶ Broad Portfolio



Operational Excellence

- ▶ QualityFIRST Culture
- ▶ Execution
- ▶ Continuous Improvement



Service

- ▶ Design Through Drop Ship
- ▶ Manufacturing Footprint
- ▶ Local Sales & Support

Best-In-Class R&D

Staying ahead of the semiconductor technology curve



550+
R&D Engineers



Design Services in
8 Countries



Complete Toolbox
of Engineering Services



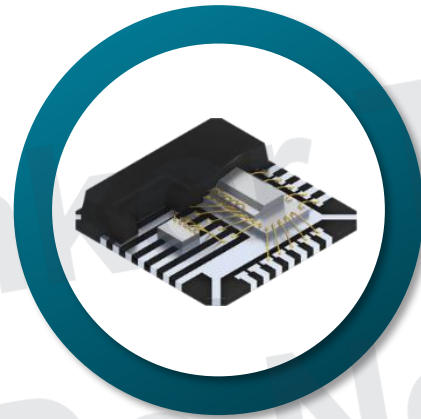
Strong Partnerships
with Customers

Complete Package and Test Portfolio

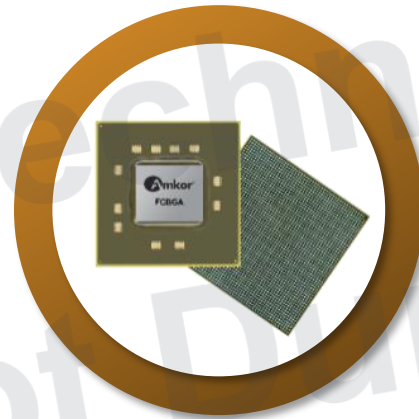
Turnkey services from wafer sort through drop ship



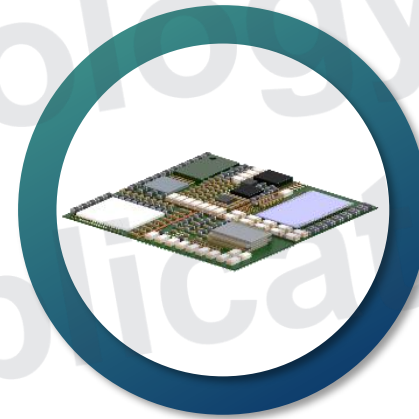
Leadframe/
Power



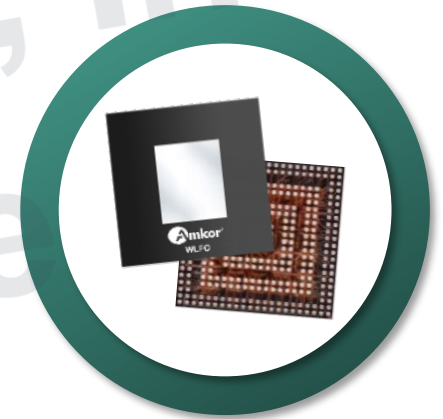
MEMS



Flip Chip



SiP



Wafer Level

Quality Across the Organization

**QualityFIRST
Culture**



Zero defect mindset



Continuous improvement



Service beyond expectations



Employee commitment

Broad Geographic Footprint

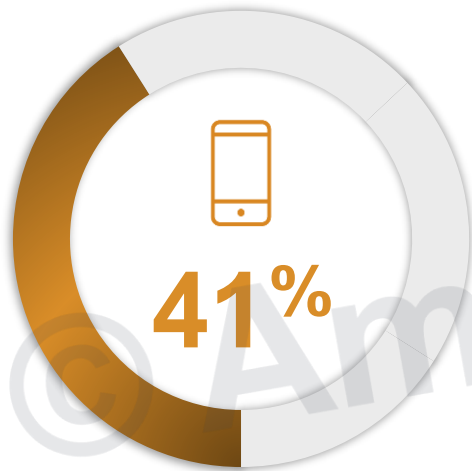
11 million square feet of manufacturing space



- ★ Global Principal Entity
- ★ Amkor Headquarters
- ★ Sales/Customer Support Center
- ★ Advanced
- ★ Mainstream

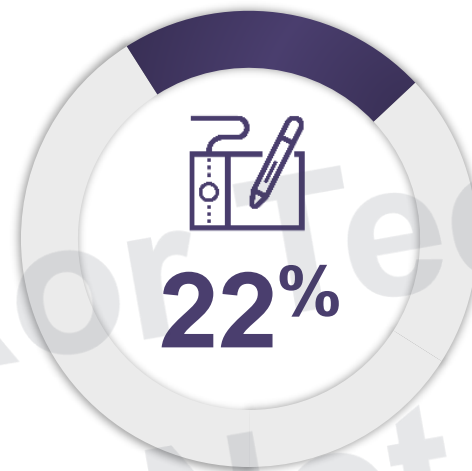
End Market Distribution

2021 % of Revenue



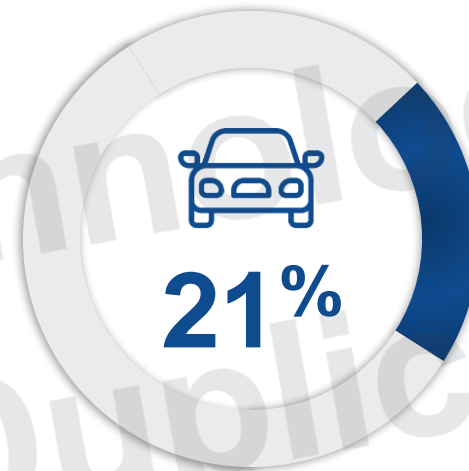
Communications

Smartphones
Tablets



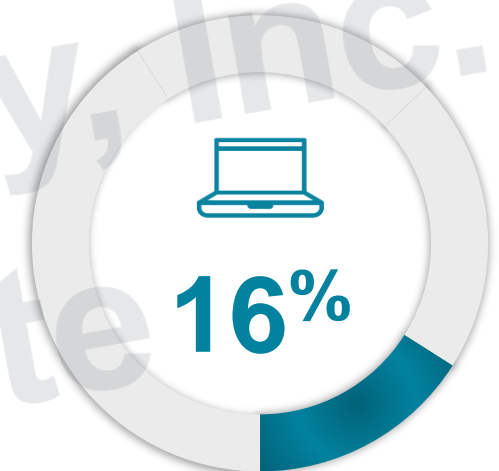
Consumer

A/R & Gaming
Connected Home
Home Electronics
Wearables



Automotive & Industrial

ADAS
Electrification
Infotainment
Safety



Computing

Data Center
HPC
Infrastructure
Storage

Amkor Throughout the Smartphone

Communications

Value Propositions

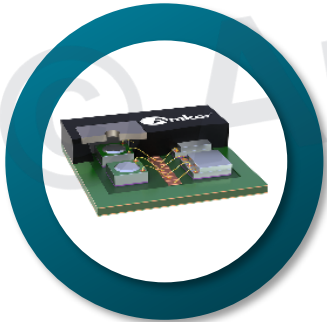
- ▶ Recognized technology leader
- ▶ Diverse packaging solutions
- ▶ Large scale manufacturing in multiple geographies



Amkor Makes IoT Possible

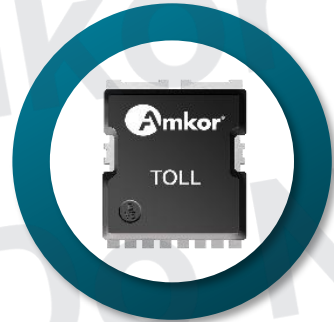
Consumer

Multiple Applications



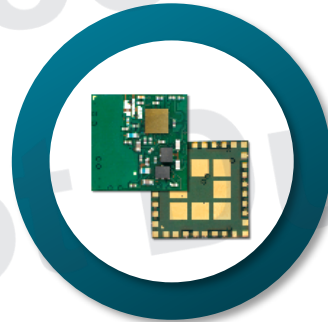
Connectivity
Sensing
Computing
Storage

Diverse Requirements



Power
Bandwidth
Integration
Security

Scale



Amkor ships
billions of IoT
devices per year!



Amkor Enabling New Applications in the Car

Largest Automotive OSAT



Value Propositions

- ▶ >40 yrs of Automotive experience
- ▶ QualityFIRST mindset
- ▶ Leader in advanced automotive packaging

Amkor Supports All Big Data Requirements

Computing



Data Center

HPC, AI, ML
Performance
FCBGA, HDFO, SiP



Networking

Switch, SerDes
Integration
SiP, HDFO, 2.5D



Storage

Solid state drive
Die stacking
Stack CSP, WBBGA, SiP

Our Priorities



Customer Satisfaction

Quality
Service
Technology



Company Culture

Collaborative
Innovative
Fast-paced

Latest News



Amkor Leverages Its Global Automotive Leadership to Support European Semiconductor Ecosystem

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TSMC Launches OIP 3DFabric Alliance to Shape the Future of Semiconductor and System Innovations

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Amkor Releases Its 2021 SASB Report

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Thank You

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