# First quarter 2022



# **CEO & President**

Anders Lindqvist



# Agenda

- Q1 in short
- Divisional development
- Financials
- Final remark
- Q&A
- Appendix Market update







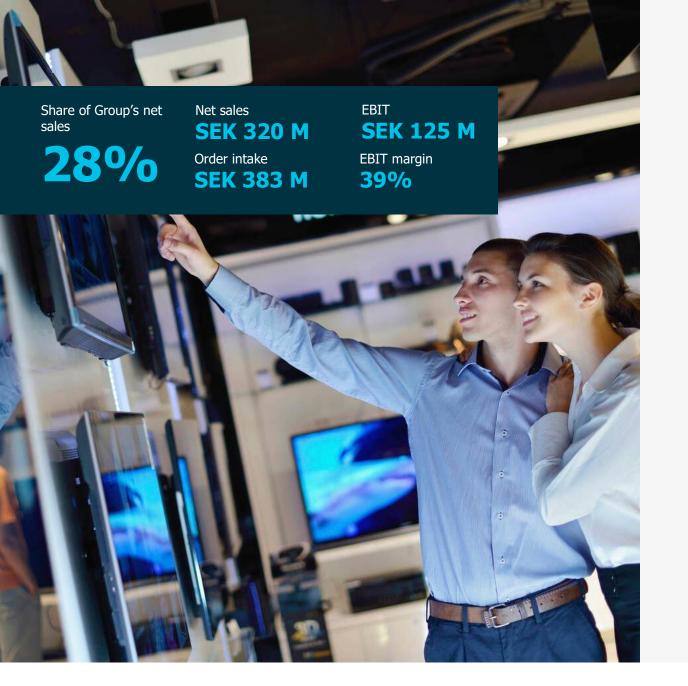
# Q1 in short

- Order intake increased 40% to SEK 1,441 (1,027) million
- Net sales declined 12% to SEK 1,135 (1,291) million
- EBIT decreased to SEK 206 (498) million
  - Explained by substantially lower net sales in Pattern Generators
- EBIT margin at 18 (39)%
- Order backlog at SEK 2,217 (1,706) million
  - Contained 14 mask writers on March 31
- Divestment of AEi completed in February 2022
  - Positive EBIT impact of SEK 25 million

# **Decentralized divisions**

Close to customers, short decision-making paths





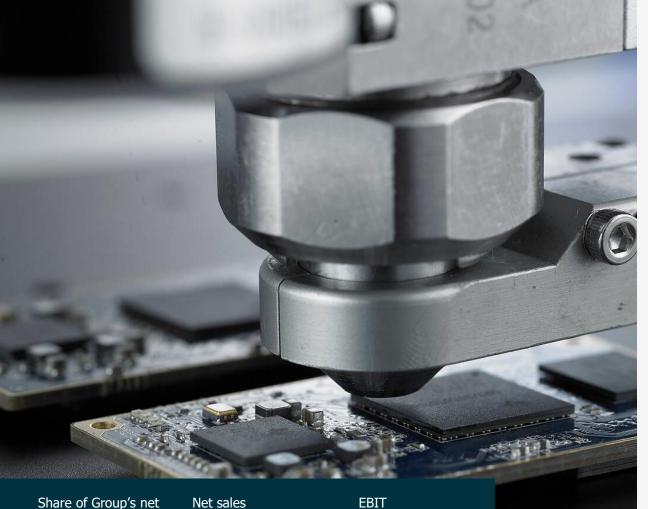
#### **Pattern Generators** SLX momentum continues

- Continued healthy level of activity in the photomask market for semiconductors
- Order intake consisted of three SLX semiconductor mask writers and one Prexision Lite 8 Evo display mask writer
  - Order intake increased 64% to SEK 383 (233) million
- Since the launch in 2019, Pattern Generators has delivered ten SLXs, which have been well received by customers
- Net sales declined 46% to SEK 320 (592) million
  - Two SLXs delivered vs one Prexision 800 Evo, one Prexision Lite 8 Evo, and one SLX in Q1 2021
- EBIT at SEK 125 (419) million due to less favorable product mix and lower net sales
- Order backlog at SEK 807 (797) million
- 14 mask writers in order backlog on March 31

### **High Flex** Solid order backlog

- Market remained strong and customers have wellfilled order books
- Positive market momentum within jet printing and pick-and-place solutions
- Participated at the APEX trade show in San Diego
- Order intake increased 16%
- Net sales rose 5%
- Supply chain issues have had some impact on the possibilities to deliver during the quarter
  - Gross margin was 39 (40)%
- EBIT at SEK 19 (35) million affected by trade show and a worse impact than last year related to realized and unrealized currency gains and losses
- Increased order backlog at SEK 216 (134) million





sales 32%

Net salesEBITSEK 365 MSEK 55 MOrder intakeEBIT marginSEK 441 M15%

### **High Volume** Stable market development

- The electronics industry in China had a stable development during the first quarter, despite uncertainty related to Covid-19
- Close dialogue on future projects with existing customers in the automotive and consumer electronics industries
- Order intake increased 13%
- Net sales declined 1%
  - Shenzhen's one-week lockdown in mid-March had limited impact on the division
- Gross margin at 36 (45)% reflects a less favorable sales mix
  - Strong corresponding period last year
- EBIT declined to SEK 55 (90) million
- Increased order backlog at SEK 885 (692) million

### **Global Technologies** Strong order intake

- Market for tele and data communications continued its strong performance, generating demand for die bonding solutions
- Market for electrical testing demonstrated continued strength, driven by robust demand for PCBs and substrates and with a strong recovery in Europe
- Order intake excluding acquisitions and divestments increased 56%
- Organic net sales increased 17%
- The division did not fully succeed in completing its product deliveries due to challenging conditions
- EBIT at SEK 31 (-14) million
  - Positive EBIT impact of SEK 25 million from divestment of AEi
- Order backlog at SEK 308 (82) million
- Divestment of AEi completed in early February 2022



# **Outlook 2022 confirmed**

Net sales 2022 SEK 5 billion EBIT 2022 slightly above target of >15%





Profitability >15% over a business cycle



Net debt

New financial targets will be presented later in 2022





### Group net sales and EBIT margin rolling 12 months



- %
- Net sales R12 amounted to SEK 4,479 million
- Q1 EBIT margin R12 at 17%
- Aftermarket shows continued increase in revenue

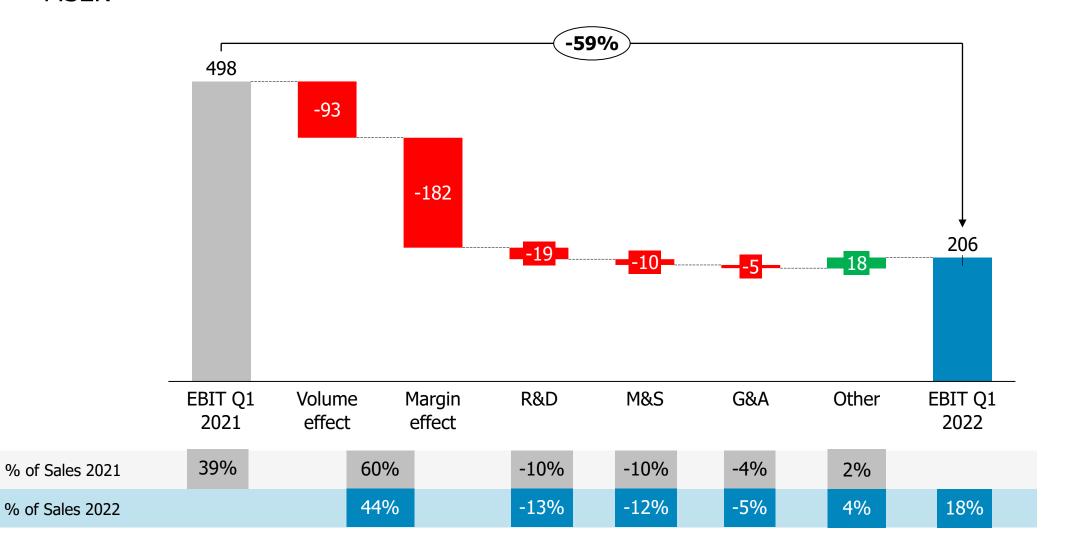
MSEK

### Group net sales and EBIT margin per quarter



- %
- Q1 net sales amounted to SEK 1,135 million
- Lower EBIT-margin vs Q1 2021 attributable to changed sales mix in the Group, with a decline in Pattern Generators' share of total net sales
- EBIT margin at 18%
- Good development of aftermarket revenue

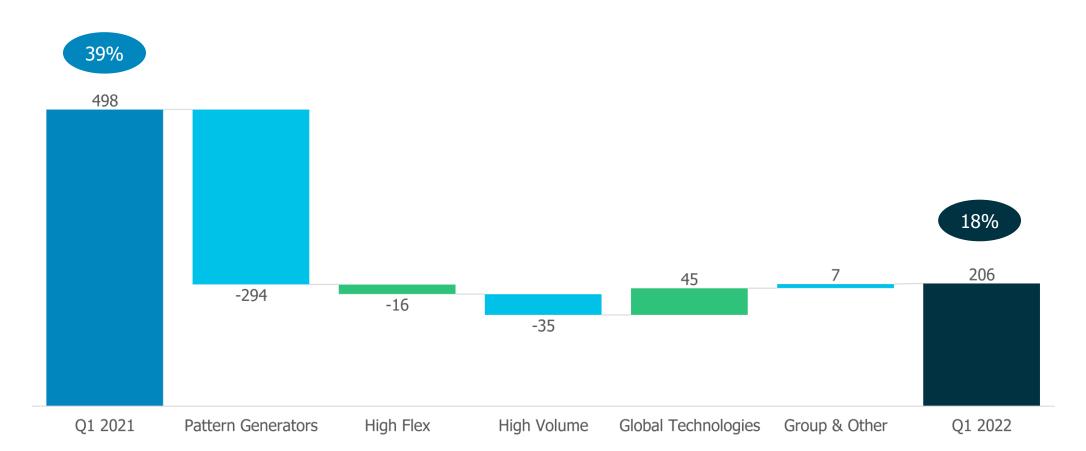
#### Group Q1 EBIT bridge MSEK





# **Divisional Q1 EBIT contribution**

MSEK



## Sale of AEi positively impacted cash flow

MSK	Q1 2022	Q1 2021	•
Cash flow from operations before change in working capital	169 🗸	420	
Change in working capital	-96	-35	•
Cash flow from operations	73	385	
Investing activities	147 🗸	-21	
Financing activities	-17	-53	•
Cash flow for the period	204	311	
Cash, opening balance*	692	1,303	
Exchange difference	11	32	
Cash at end of period	907	1,645	

- Reduced cash flow from operations before changes in working capital due to changed sales mix
   Cash flow from investing activities:
  - Impact of SEK +215 million by AEi divestment
  - Investments in tangible assets SEK -58 MSEK
  - Capitalization of product development SEK -10 million

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• Net cash amounted to SEK 664 million on March 31

\*Including cash and cash equivalents classified as assets held for sale

# **CEO & President**

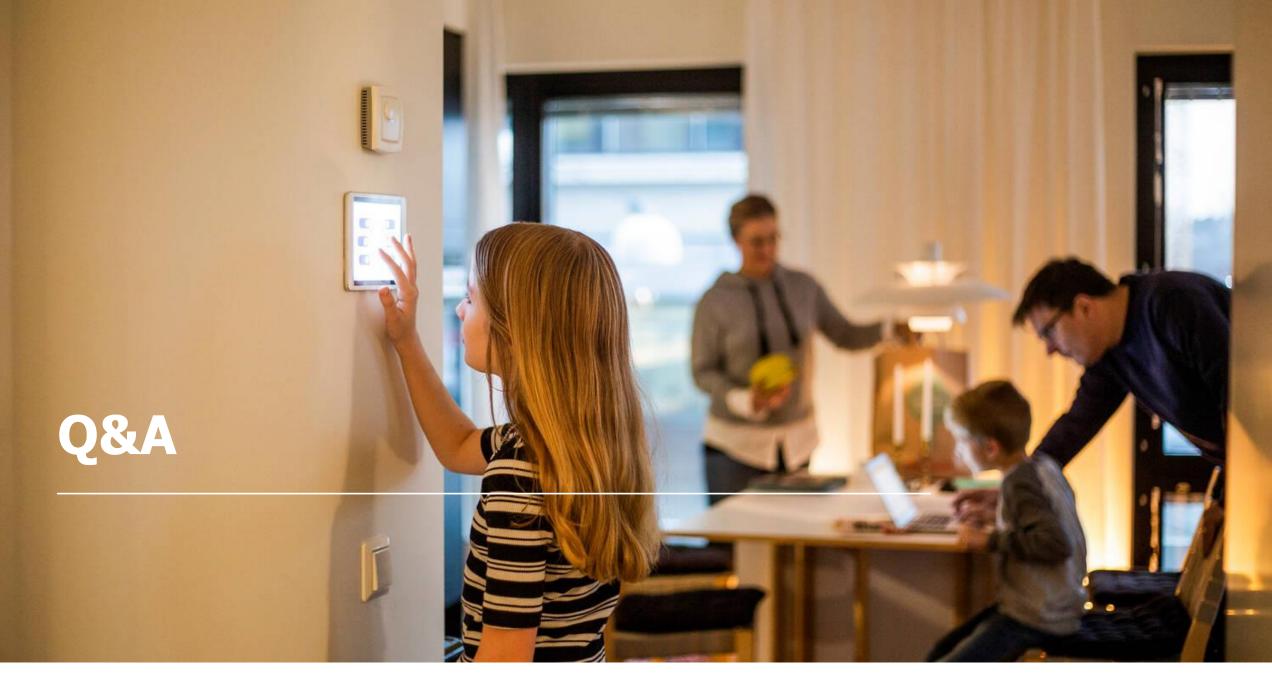
Anders Lindqvist



# **Growth and sustainability**

- Mycronic has a strong position for sustainable profitable growth
- Recently, targeted stakeholder dialogues were conducted regarding sustainability with Mycronic's customers, employees, suppliers and investors
  - These stakeholder dialogues will be reflected in the company's prioritization of sustainability work going forward





# APPENDIX

Q1 2022 Market update



# **Preliminary Outcome 2021**

Market summary and updates

- Global electronics at +12.3% to 2,480 BnUSD<sup>1)</sup>
- Semiconductors +26.7% to 556 BnUSD<sup>1)</sup>
- SMT assembly equipment market +26.7% to 3,732 MUSD<sup>2)</sup>
- Optical components +12.4% to 10.5 BnUSD<sup>3)</sup>
- Printed circuit boards and substrates +23.4% to 80.4 BnUSD<sup>4</sup>
- Display market +24.1% to 155 BnUSD<sup>5)</sup>
- Display photomasks 4.5% to 858 MUSD<sup>6)</sup>
- Semicon photomasks +12.7% to 6.1 BnUSD<sup>7)</sup>
- Dispensing equipment +24.7% to 910 MUSD<sup>8)</sup>



Source: 1) Prismark March 2022, 2) PROTEC MDC January 2022, 3) Lightcounting October 2021, 4) Prismark, February2022, 5) Omdia January 2022, 6) Omdia July 2021 (annual update), 110YEN/USD used as conversion rate, 7) VLSI reserach April 2021 (annual update), 8) Prismark April 2022 (annual update)



# Forecasts 2022

#### Market summary and updates

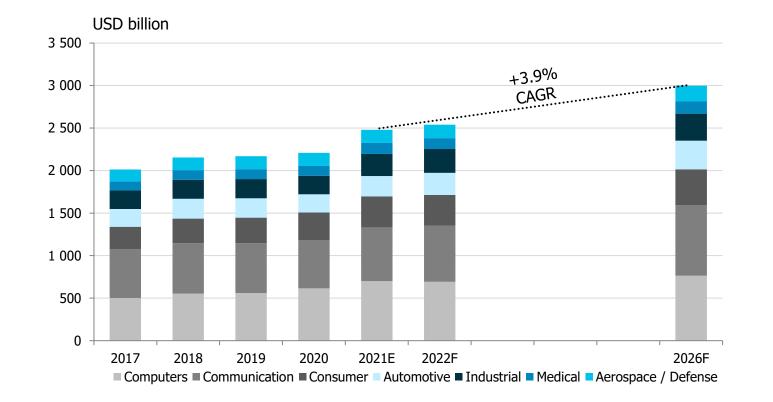
- Global electronics industry growth forecast +2.4%, to reach 2,539 BnUSD<sup>1</sup>)
- Semiconductor industry growth forecast +9.0% and to reach 606 BnUSD<sup>1</sup>)
- Optical components market growth +15.2% to reach \$12.1 BnUSD<sup>2</sup>)
- Printed circuit boards and substrates +5.2%<sup>3)</sup>
- Displays -5.8% to 146 BnUSD<sup>4)</sup>
- Display photomasks +8.7% to 933 MUSD<sup>5, 6)</sup>
- Semicon photomasks +8.2% to 6.6 BnUSD<sup>7</sup>)
- Dispensing: not available

*Source: 1) Prismark March 2022, 2) Lightcounting October 2021, 3) Prismark, February 2022, 4) Omdia January 2022, 5) Omdia FPD large-area photomask research July 2021. Information is not an endorsement of Mycronic. Any reliance on these results is at the third party's own risk, 6) 110YEN per USD used for conversion from JPY to USD, 7) VLSI reserach April 2021* 



## **Electronics industry systems**

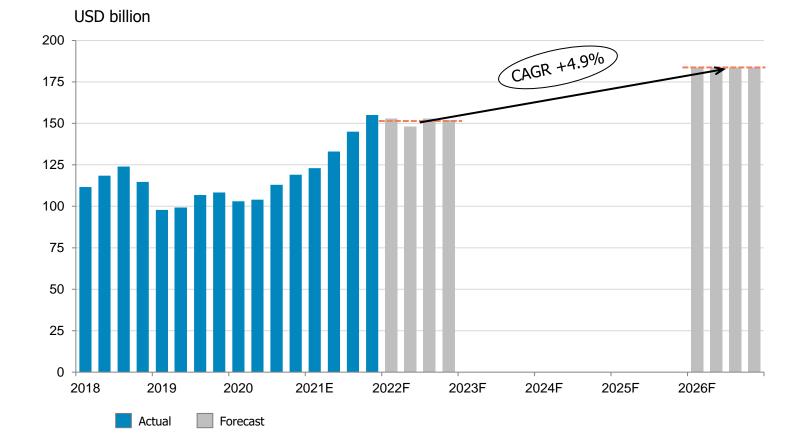
Yearly development by industry segment



- Estimated growth of +12.3% in 2021 to 2,480
  BnUSD with largest growth in segments
  - Industrial +18.8%
  - Computers +13.8%
  - Consumer +12.3%
- Forecast growth of +2.4% in 2022 to reach 2,539 BnUSD, with strongest development in
  - Automotive +8.3%
  - Industrial +8.1%
  - Communication +4.9%
- +3.9% CAGR expected for 2021-2026, with strongest development in
  - Automotive +9.5%
  - Communication +7.9%
  - Industrial +7.8%

# Semiconductors

Quarterly development



- Estimated +26.7% growth in 2021 to 556 BnUSD
- Forecast growth of +9.0% in 2022 to reach 606 BnUSD
- 2022 to 2026 CAGR forecast at +4.9% growth to 735 BnUSD

Source: Prismark, April 2022



# **SMT and Dispensing**

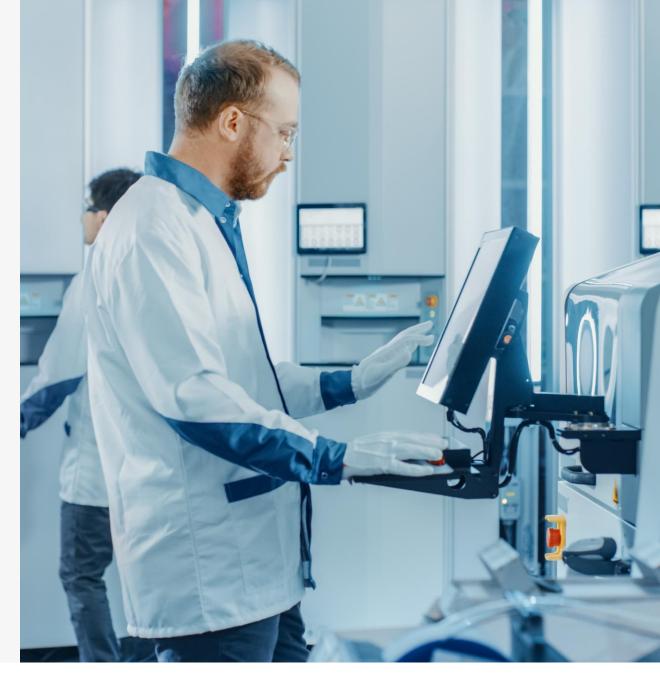
#### Market update

SMT assembly equipment\*

 2021 full year 3,732 MUSD, a positive development of 26.7% compared to 2020. Strongest development on the American market followed by markets in Europe and China<sup>1)</sup>

Dispensing\*

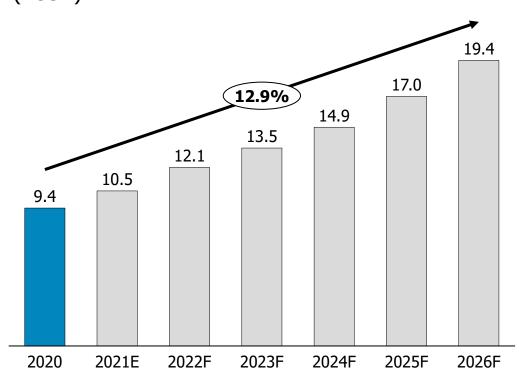
- 2021 market estimated at 910 MUSD<sup>2)</sup>, a growth of 24.7% compared to 2020.
- Mycronic second largest supplier of dispensing equipment addressing the major part of the total market



# **Die Bonding**

Long-term growth in key die bonding market – optical components, driven by mega trends

#### **Optical components production** (BUSD)



Source: Lightcounting October 2021

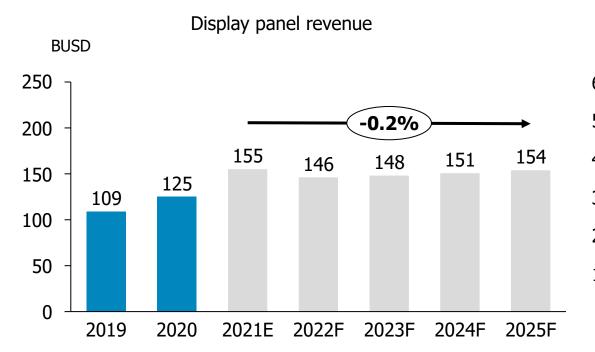
#### Healthy Data/Telecom long-term growth

- Optical components production is the main driver for die/lens attach processes.
- Growth driven by mega trends such data centers, 5G/6G, EV, AI, IoT, and global supply chain shifting.
- Future revenue growth rate of the optical components was increased to 12.9% from 9.4% in April 2021 forecast.
- Bottlenecks in the global supply chain probably created some extra demand and certainly moderated price declines, contributing to higher than expected growth in 2021 sales and an increased forecast for 2022-2026.
- Post Covid-19 era supports the growth with photonics for higher bandwidth networking fueled by continuous high spending in capex by cash-rich cloud companies.

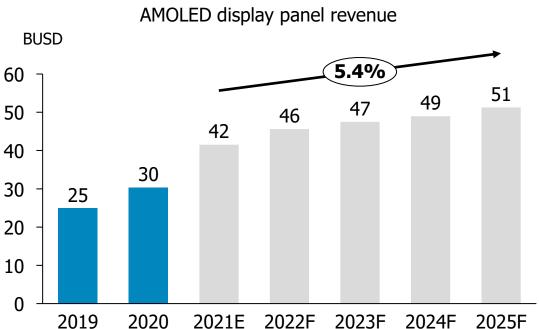
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## **Pattern Generators**

Display panel market



- Display market showed positive growth of 14.5% in 2020
- Positive trend continued 2021 with 24.1% growth
- Forecast for 2022 is "a soft landing" with -5.8% growth
  - LCD TV price pressure is the main reason
- After 2021 the market is forecast to stabilize on a historically high level

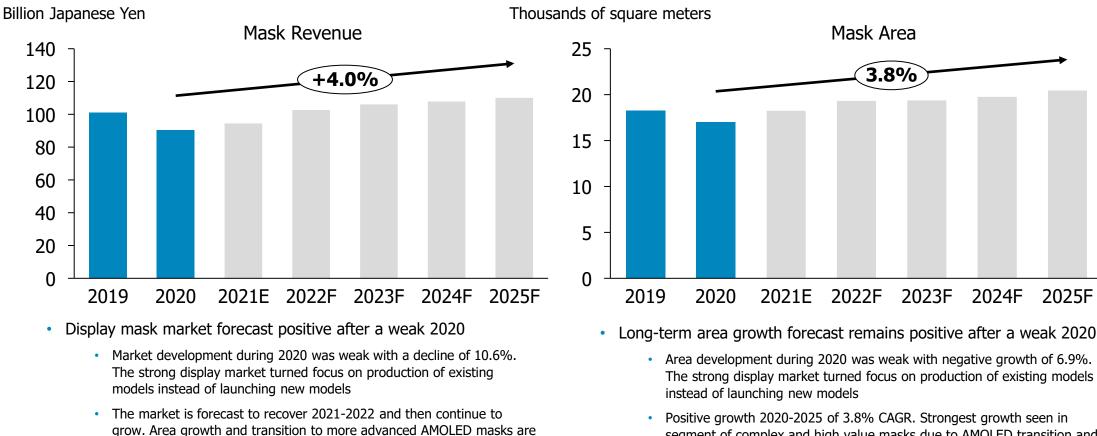


- Shift towards AMOLED continues
  - Technology shift ongoing from LCD to AMOLED for mobile displays, TV and IT segment
  - AMOLED ratio goes from 27% of total display revenue 2021 to 33% of total display revenue 2025

Source: Omdia, Display Long-Term Demand Forecast Tracker, jan 2022. Information is not an endorsement of Mycronic. Any reliance on these results is at the third party's own risk.

## **Pattern Generators**

Positive photomask market



 Positive growth 2020-2025 of 3.8% CAGR. Strongest growth seen in segment of complex and high value masks due to AMOLED transition and transition to displays with higher quality

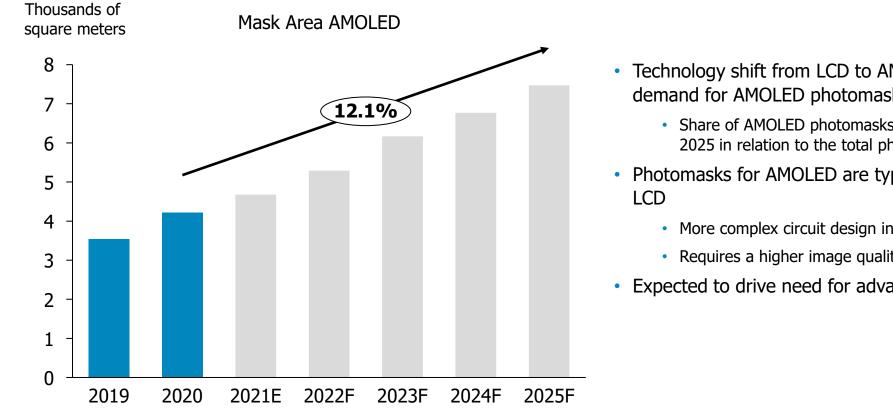
Source: Omdia, Technology Group, FPD large-area photomask research, June 2021. Information is not an endorsement of Mycronic. Any reliance on these results is at the third party's own risk.

partly offset by expected lower prices on G10 masks



## **Pattern Generators**

Strong growth of photomasks for AMOLED displays



 Technology shift from LCD to AMOLED for mobile displays drives demand for AMOLED photomasks

- Share of AMOLED photomasks will grow from 25% 2020 to 37% 2025 in relation to the total photomask area
- Photomasks for AMOLED are typically more complex than for
  - More complex circuit design in each pixel
  - Requires a higher image quality and tighter specs
- Expected to drive need for advanced mask writer capacity

Source: Omdia, Technology Group, FPD large-area photomask research, June 2021. Information is not an endorsement of Mycronic. Any reliance on these results is at the third party's own risk.

### Bringing tomorrow's electronics to life

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