

INVESTOR CONFERENCE

MOBILE COMMUNICATIONS

Barcelona | February 27th, 2023



DISCLAIMER

This document is provided by Soitec (the "Company") for information purposes only.

The Company's business operations and financial position are described in the Company's 2021-2022 Universal Registration Document (which notably includes the 2021-2022 Annual Financial Report) which was filed on June 20th, 2022 with the French stock market authority (Autorité des Marchés Financiers, or AMF) under number D.22-0523 as well as in the Company's FY'23 half-year report released on November 23rd, 2022. The French versions of the 2021-2022 Universal Registration Document and of the half-year report, together with English courtesy translations for information purposes of both documents are available for consultation on the Company's website (www.soitec.com), in the section

Company - Investors - Financial Reports.

Your attention is drawn to the risk factors described in Chapter 2.1 of the Company's 2021-2022 Universal Registration Document.

This document contains summary information and should be read in conjunction with the 2021-2022 Universal Registration Document and the FY'23 half-year report.

This document contains certain forward-looking statements. These forward-looking statements relate to the Company's future prospects, developments and strategy and are based on analyses of earnings forecasts and estimates of amounts not yet determinable. By their nature, forward-looking statements are subject to a variety of risks and uncertainties as they relate to future events and are dependent on

circumstances that may or may not materialize in the future. Forward-looking statements are not a guarantee of the Company's future performance. The occurrence of any of the risks described in Chapter 2.1 of the Universal Registration Document may have an impact on these forward looking statements. In addition, the future consequences of geopolitical conflicts, in particular the Ukraine / Russia situation, as well as rising inflation, may result in greater impacts than currently anticipated in these forward looking statements.

The Company's actual financial position, results and cash flows, as well as the trends in the sector in which the Company operates may differ materially from those contained in this document. Furthermore, even if the Company's financial position,

results, cash-flows and the developments in the sector in which the Company operates were to conform to the forward-looking statements contained in this document, such elements cannot be construed as a reliable indication of the Company's future results or developments.

The Company does not undertake any obligation to update or make any correction to any forward-looking statement in order to reflect an event or circumstance that may occur after the date of this document. In addition, the occurrence of any of the risks described in Chapter 2.1 of the Universal Registration Document may have an impact on these forward looking statements.

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AGENDA

MOBILE COMMUNICATIONS

SOITEC AT A GLANCE	01
MEGATRENDS & APPLICATIONS	02
PRODUCT PORTFOLIO	03





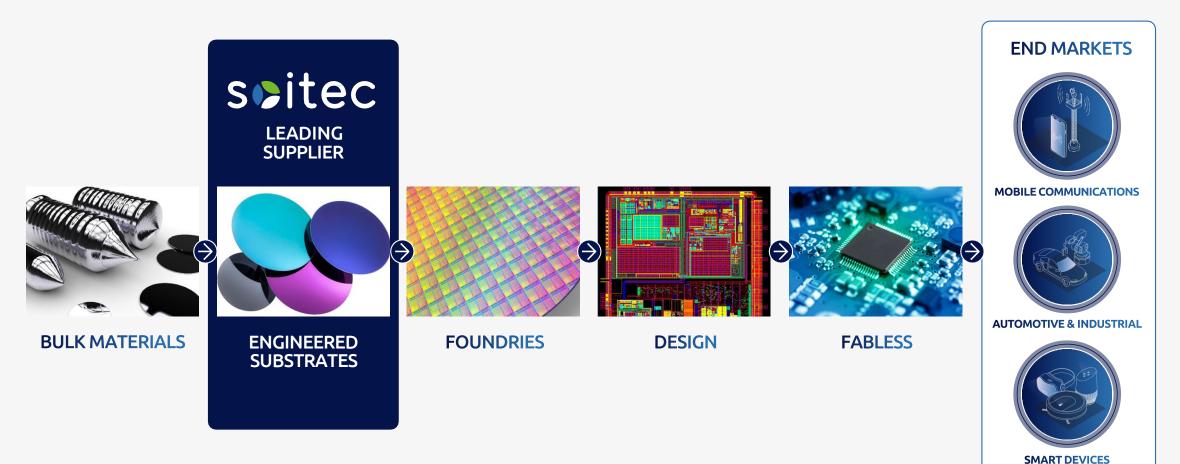
SECTION 01

SOITEC AT AGLANCE



SOITEC HAS BUILT A UNIQUE POSITION IN THE VALUE CHAIN

LEVERAGING STRATEGIC PARTNERSHIPS IN THE ENTIRE SEMICONDUCTOR ECOSYSTEM



WE HAVE DEVELOPED A COMPREHENSIVE PRODUCT PORTFOLIO

FOR OUR 3 STRATEGIC END MARKETS

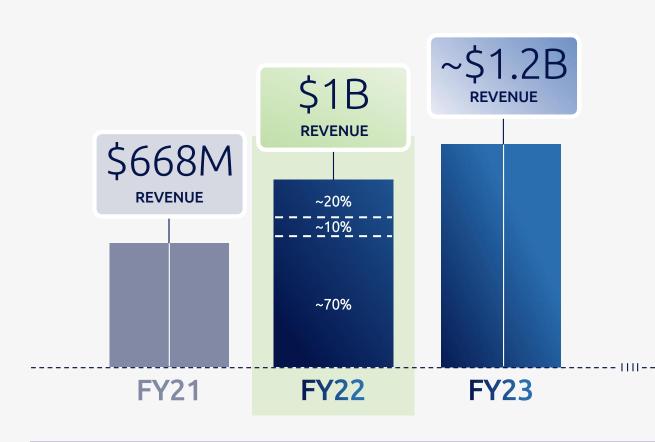


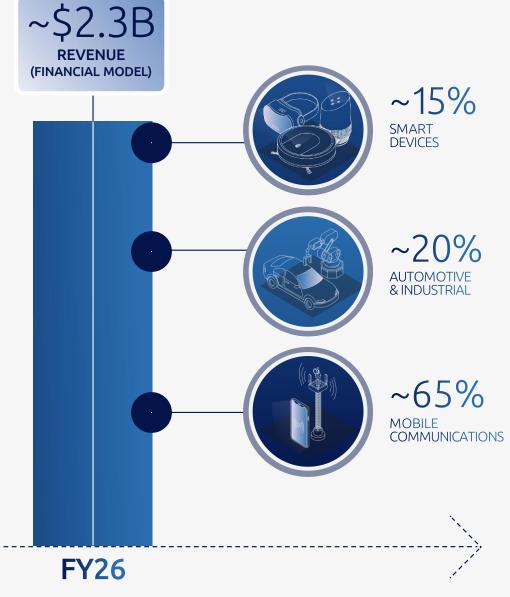


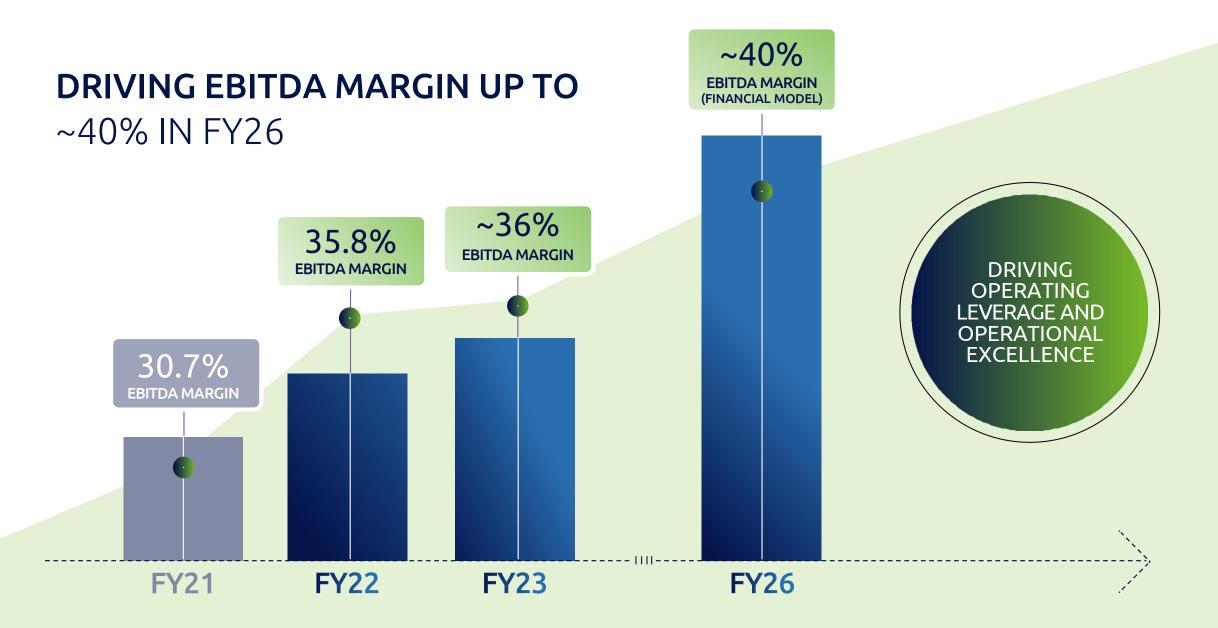


SOITEC REVENUE

TO GROW AT 20% - 25% CAGR OVER FY22-FY26







GLOBAL INDUSTRIAL FOOTPRINT

CAPACITY EXPANSION ACROSS ALL PRODUCT LINES

Country	Soitec Fab	Product	Diameter	Max capacity (wafers per year)
FRANCE	BERNIN 1	SOI	200mm	~1Mwpy
	BERNIN 2	SOI	300mm	~700Kwpy
	BERNIN 3	POI	150mm / 200mm	Raising capacity to reach ~750Kwpy
	BERNIN 4 NEW	SiC SOI refresh	150mm / 200mm / 300mm	Building capacity to reach ~500Kwpy in phase 1
				
SINGAPORE	PASIR RIS	SOI	300mm	Raising capacity to reach ~1Mwpy
	PASIR RIS EXTENSION NEW	SOI	300mm	Expanding capacity to reach ~1Mwpy (production starting by end FY25)
BELGIUM	HASSELT	GaN	150mm / 200mm	Raising capacity to reach ~60Kwpy
CHINA	SIMGUI	SOI	200mm	~450Kwpy



Bernin, France*



Pasir Ris, Singapore*



A COMMITTED AND TALENTED MANAGEMENT TEAM DRIVING OUR NEW ORGANIZATION TO EXECUTE OUR AMBITIOUS GROWTH PLANS



Pierre Barnabé CEO



Bernard Aspar COO



Caroline
Sasia
Communications
& Chief of staff



Emmanuelle Belly General Secretary



Pascal Lobry People & Sustainability



Christophe Maleville CTO



Steve Babureck Strategy & Investor Relations



Léa Alzingre CFO



Thomas Piliszczuk Global Business



Cyril Menon Global Supply



Yvon Pastol Customer Group



Reiner Breu Quality



Philippe Pellegrin Global Sourcing & Procurement

SECTION 02 MEGATRENDS & APPLICATIONS

PAGE 11



GROWTH DRIVERS

MOBILE COMMUNICATIONS

5G Sub-6GHz

Advancing 5G for a connected society

- 5G penetration ongoing, from ~50% of smartphones in 2022 to ~60%
- 5G Sub-6GHz drives large increases in RF Content (>x2 vs 4G)
- New wave of 5G products offering critical support for driving assistance, XR, IIoT and many others

5G mmWave

Essential to secure network capacity in high data-rate demanding busy areas

- 15%-20% of 5G smartphones will support mmWave in 2023
- Last mile fiber complement (FWA)
- AR/VR everywhere
- 5G smart factory & private networks

Wi-Fi 6, 6E & 7 / UWB

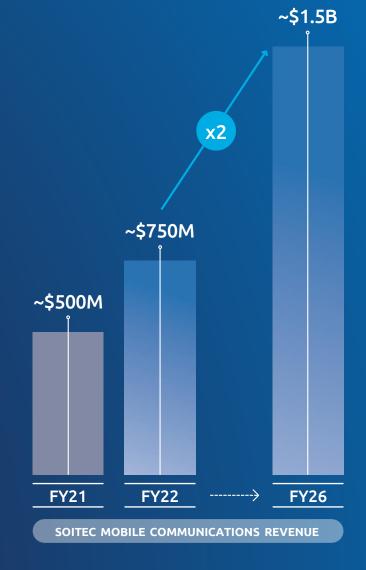
Quality, security, low latency and reliability for a multitude of connected objects

- Ever-increasing number of connected objects in the smart-home
- ~x2 growth in mobile Wi-Fi 6/6E/7 in 2025 (vs 2022)
- Complementing 5G in demanding commercial and industrial scenarios

INFRASTRUCTURE

Accelerated worldwide deployment ensuring efficient scalability

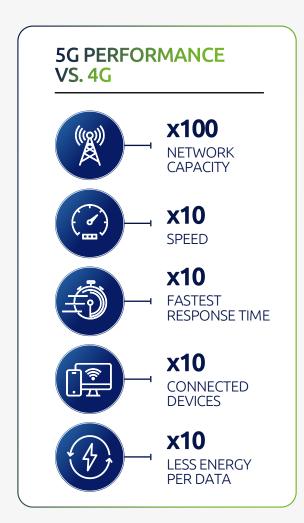
- Power efficient, compact form-factor & weight 5G massive MIMO
- Continuous mmWave coverage expansion with network cost optimization smart repeaters

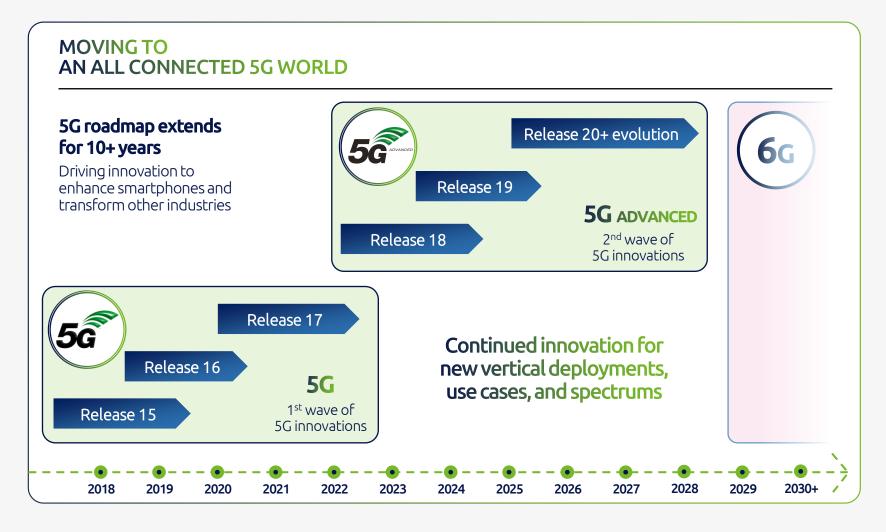


5G – THE NEW ENGINE BEHIND OUR CONNECTED SOCIETY



5G IS TRANSFORMING THE WORLD

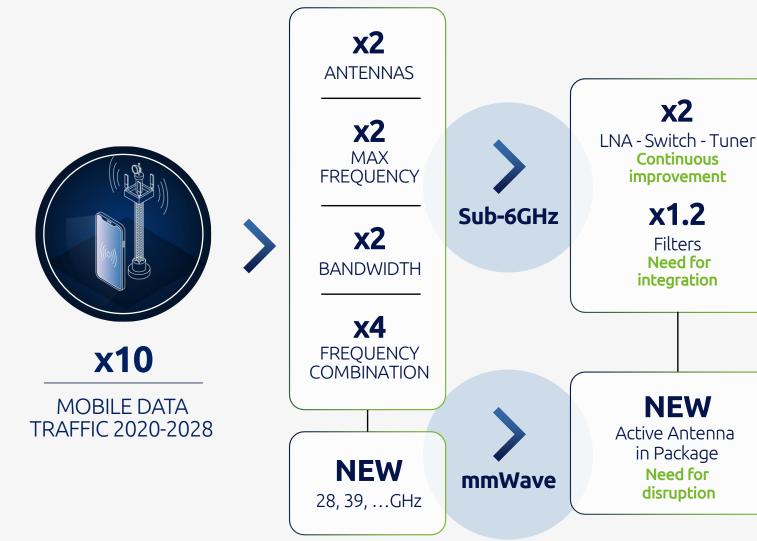


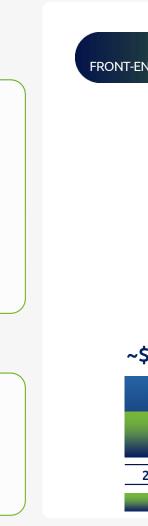


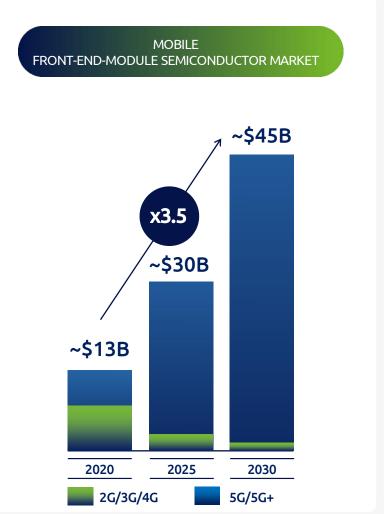


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5G – THE X-FACTOR

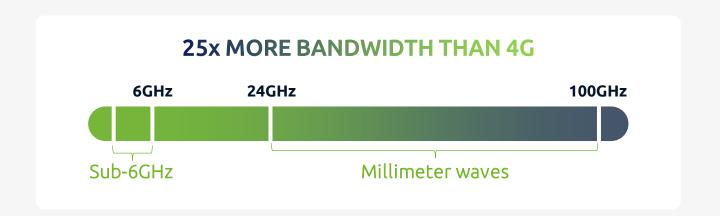








5G mmWave – EXPANDING 5G BOUNDARIES



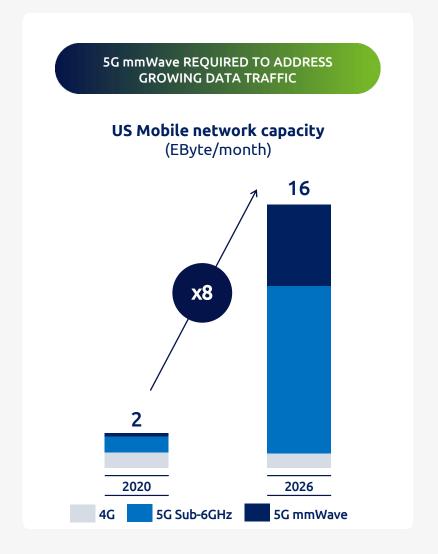
HIGH DATA RATES AND LOW LATENCY FOR NEW USE CASES





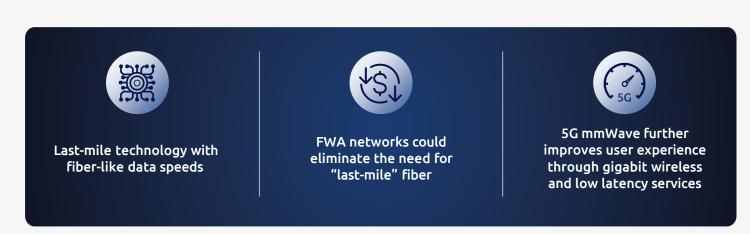








FIXED WIRELESS ACCESS - GLOBAL EXPANSION













Wi-Fi 6 AND 7 – THE NEW PARADIGM FOR WIRELESS CONNECTVITY

MOVING TO NEW USER EXPERIENCES

Wi-Fi 6, 6E and 7 pave the way for new wireless connectivity

Driving innovation to enhance wireless connectivity for new experiences and extended range



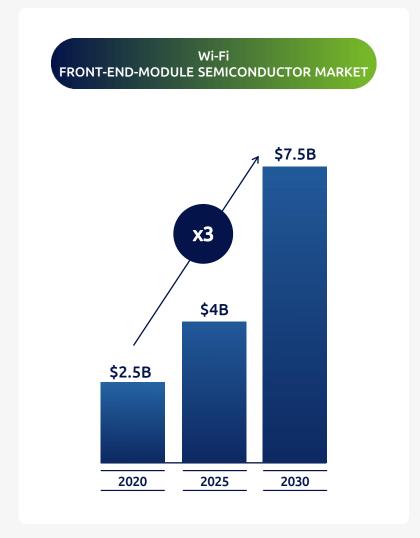
Wi-Fi 6E

Adding **1GHz spectrum in the 6GHz band** for higher quality of service (QoS) and secured connectivity



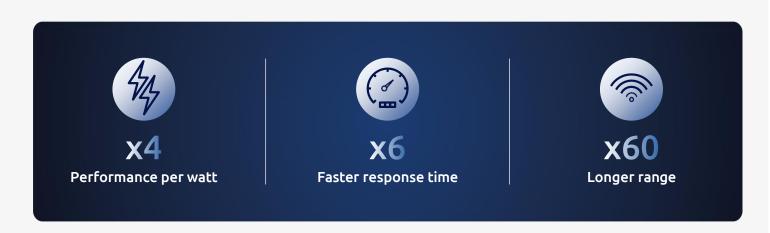
High-speed connectivity technology in 2.4GHz and 5GHz bands for **smartphone**, laptop, home, consolidating its place in smart home, wearables and automotive

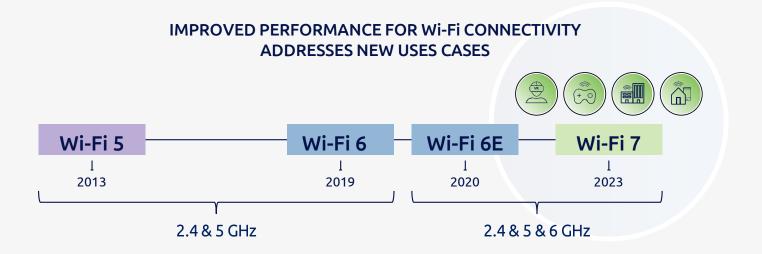






Wi-Fi 7 – TRANSITION TO FASTER CONNECTIVITY









5G ADVANCED – UNLOCKING NEW GROWTH OPPORTUNITIES



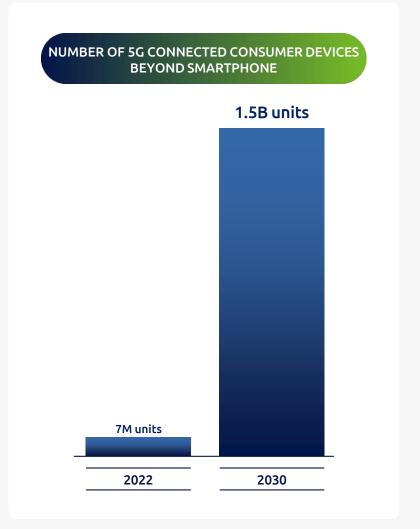














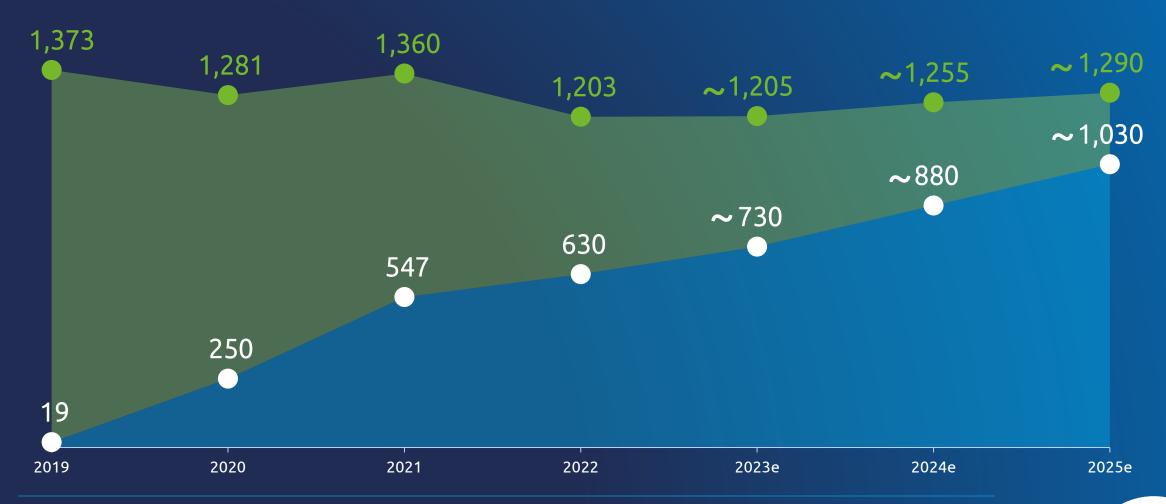


GLOBAL SMARTPHONES SALES OUTLOOK

5G Smartphones (M units)

Total Smartphones (M units)

5G ADOPTION IS ACCELERATING



s**o**itec

SECTION 03

PRODUCT PORTFOLIO





s**o**itec

SOITEC PRODUCT PORTFOLIO

MOBILE COMMUNICATIONS

APPLICATIONS

- Smartphones radio-frequency front-end modules
- Networking base stations



SOITEC PRODUCTS ENABLE

- 4G
- 5G Sub-6GHz & mmWave
- Wi-Fi 6, 6E, 7 connectivity
- Satellite Communications



Connect RF-SOI

For highly efficient mobile communications



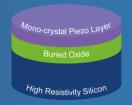
Connect FD-SOI

Integrated technology



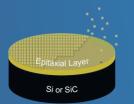
Connect POI

High performance
5G filters



Connect RF-GaN

High performance power amplifiers

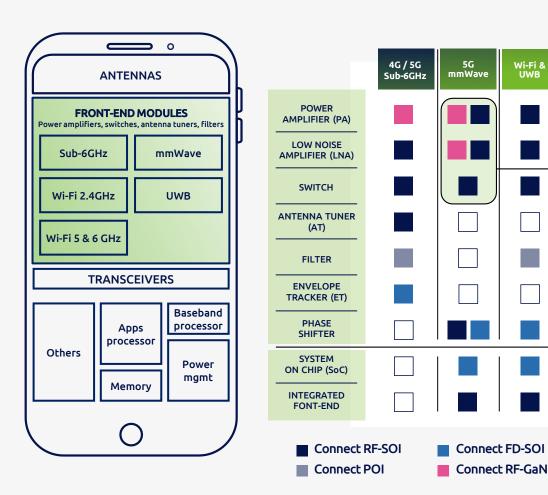


SOITEC PRODUCTS ENABLE BEST-IN-CLASS CONNECTIVITY

A COMPREHENSIVE OFFER FOR Sub-6GHz AND mmWave FRONT END MODULES.

Wi-Fi & UWB

HYBRID



ENGINEERED SUBSTRATES FOR Sub-6GHz

Soitec offers best-in-class RF Front End technologies:

- Connect RF-SOI based on our technology embedded in 100% of smartphones
- Connect POI for high performance 5G filters
- Connect RF-GaN for extended 5G Sub-6GHz ultra high band
- Connect FD-SOI for 5G broadband envelope tracker

ENGINEERED SUBSTRATES FOR 5G mmWave ADOPTION

Soitec offers a complete engineered substrate portfolio to support multiple 5G mmWave RF Front End architectures:

- Hybrid RF Front End combining Connect RF-GaN power amplifier best-in-class efficiency with Connect RF-SOI LNA and switches
- Monolithic Connect RF-SOI mmWave RF Front End with bestin- class performance vs integration trade-off
- Full chip Connect FD-SOI mmWave SoC with best-in-class power efficient system integration

MOBILE CONTENT OPPORTUNITY

IN THE NEXT FOUR YEARS IN mm2

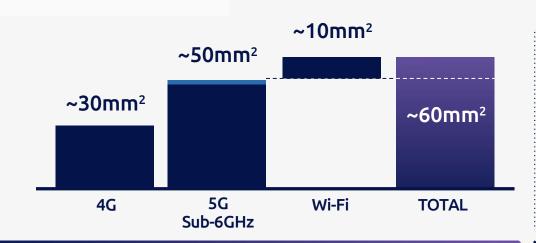
High-end smartphones

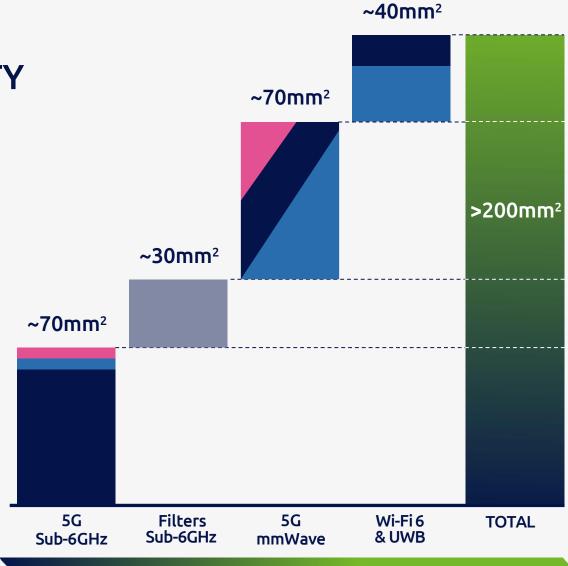
Connect RF-SOI

Connect FD-SOI

Connect POI

Connect RF-GaN





JUNE 2021 CMD ESTIMATES

FIVE YEAR OUTLOOK

CONNECT RF-SOI

Connect RF-SOI embedded in 100% of 5G smartphones

CONNECT RF-SOI IS TARGETING NEW 5G VERTICALS

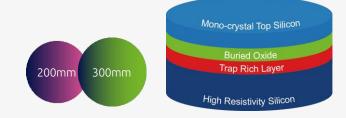


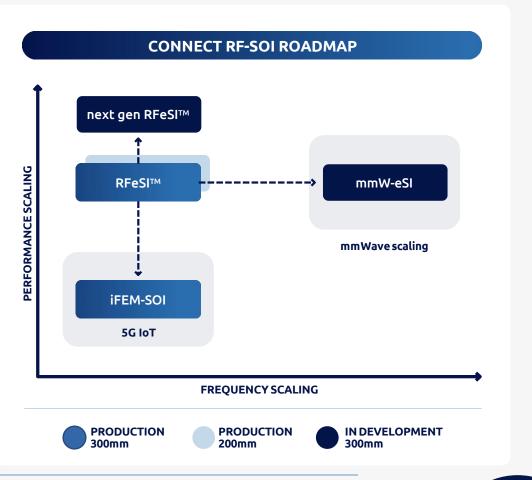






OUR RF-SOI SUBSTRATE ENABLES 5G CONNECTIVITY ENHANCEMENT BATTERY POWER SAVING OPTIMIZED FOOTPRINT WITH RFFE INTEGRATION







CONNECT FD-SOI

FD-SOI for mmWave endorsed by major RF players



Google Pixel 6 Google Pixel 6 Pro



Google Pixel 7 Google Pixel 7 Pro

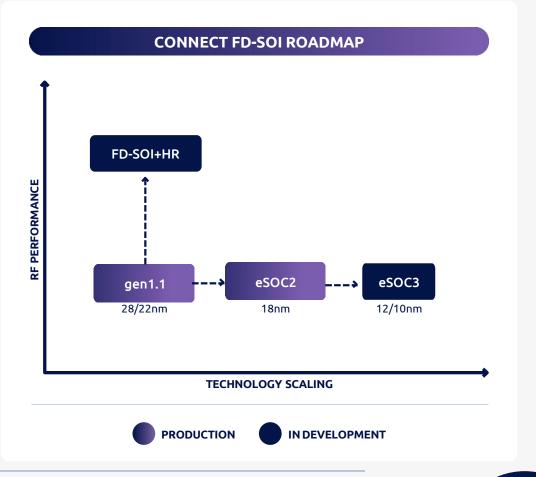


Motorola Edge22





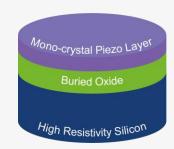






CONNECT POI







x10 Filter paths

x2 Bandwidth

x2 Power requirement

BETTER FILTER

PERFORMANCE

FILTER CHALLENGES

More multiplexing

High quality factor & better coupling factor

Better insertion losses

Better temperature stability

Manufacturing cost

Coupling factor up to 20%

Insertion losses <1dB

x2 lower

Simpler manufacturing

POI VALUE

Multiplexer die integration

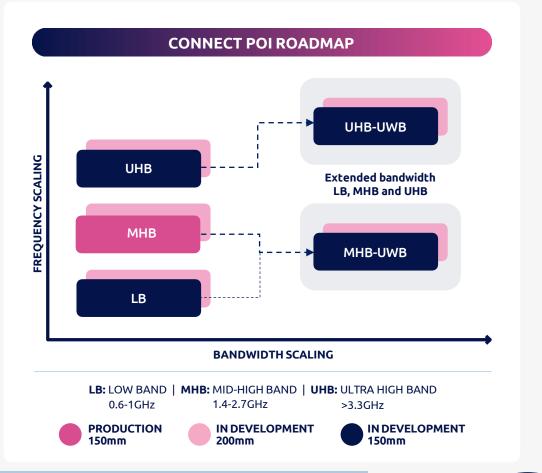
x2 quality factor

temperature drift

process

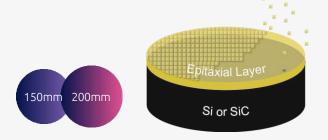
200mm scaling

OUR POI SUBSTRATE ENABLES POWER OPTIMIZED FILTER SAVING BOM* FOOTPRINT





CONNECT RF-GaN





GaN technology is a standard for RF power amplifier in 5G MIMO base station

GaN-on-Silicon is penetrating 5G base station market for 5G radio cost reduction

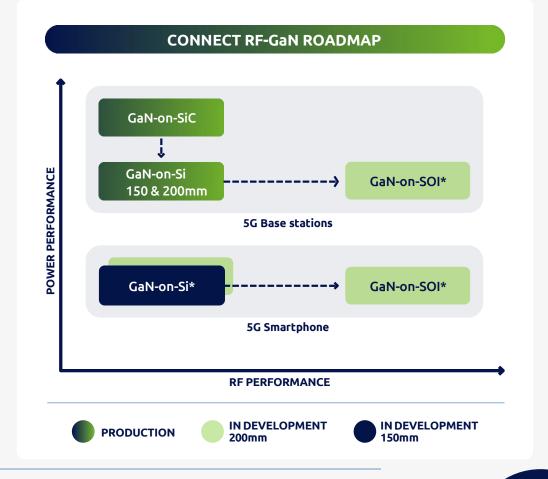


GaN technology will meet new 5G mobile requirements with new power class devices and new 5G bands

SOITEC CONNECT RF-Gan SOLUTION FOR MOBILE AND INFRASTRUCTURE

Unique expertise to capture **GaN-on-Silicon** long-term trend for **mobile** and infrastructure

Strong experience to serve the high volume manufacturing markets Long term roadmap to meet higher RF performances with GaN-on-SOI





KEY MESSAGES

MOBILE COMMUNICATIONS CONTINUES TO DELIVER SUSTAINED GROWTH

- Soitec is targeting a 20-25% CAGR, towards ~\$2.3B FY26 revenue, from ~\$1B in FY22
- Mobile Communications revenue expected to x2 between FY22 and FY26
- Growth supported by strong drivers: 5G sub-6GHz; 5G mmWave, Wi-Fi 6, 6E & 7 / penetration; and growing opportunities beyond Mobile

5G IS DRIVING SIGNIFICANT GROWTH OPPORTUNITIES

- 5G transition continues its momentum with growing penetration across the end markets
- 5G powers our connected society, with smartphones and applications beyond
- Soitec leverages high content growth opportunity with RF Front-end modules as new generations of smartphones are becoming increasingly complex

SOITEC HAS DEVELOPED THE RIGHT PRODUCT PORTFOLIO TO ADDRESS THIS GROWTH MARKET

- Connect RF-SOI in 100% of 5G
 Smartphones
- Connect FD-SOI penetration in mmWave is progressing
- Connect POI adding value for better filter performance and power saving
- Connect RF-GaN: clear GaN on SOI roadmap for Mobile & Infrastructure





MOBILE COMMUNICATIONS

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