

FUTURE HORIZONS

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The Global Semiconductor Monthly Report

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The Global Semiconductor Monthly Report July 2022

The Storm Clouds Are Gathering ...
Are Years Of Plenty Dulling Minds?

Over 33 years As *THE* Authoritative Industry Scorekeeper, With An Exemplary Record Of Accuracy & Calling The Trends Right ... We Were The *ONLY* Analysts To:

- ☑ Correctly Call Double-Digit Upturn In 2018 (Nov 2016)
- ☑ Correctly Call 'Stay Calm' Advice Re 2020 Covid-19 Impact (April 2020)
- ☑ Correctly Call 2021 Double-Digit Growth, With Upside Of 24% (Sep 2020)
- ☑ Correctly Call Systemic & Widespread Shortages Throughout 2021-22 (Sep 2020)
- ☑ Only Analyst To Warn Of A Market Downturn In 2H-2022 (Dec 2021)

Mark Your Diary NOW! ... IFS2022-MT ... 13 Sep 2022
Mid-Term Industry Forecast
(Visit Our Website www.futurehorizons.com for Further Details & Registration)

Future Horizons Ltd, Blakes Green Cottage, TN15 0LQ, England
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The Global Semiconductor Monthly Report November 2022

Q3 Was Down 6.3% vs. Q2
The Market Meltdown Is Now In Full Flow

Over 33 years As *THE* Authoritative Industry Scorekeeper, With An Exemplary Track Record Of Accuracy & Calling The Trends Right ...

- ☑ Nov 2016 - Correctly Called Double Digit Upturn In 2018
- ☑ Apr 2020 - Correctly Called 'Stay Calm' Advice Re Covid-19 Lockdown Impact
- ☑ Sep 2020 - Correctly Called 2021 Double-Digit Growth, With 24% Upside
- ☑ Sep 2020 - Correctly Called Systemic & Widespread Shortages Throughout 2021-22
- ☑ Dec 2021 - Correctly Warned Of 2H-2022 Market Downturn
- ☑ May 2022 - Warned Of Negative 22% Growth In 2023

Mark Your Diary Now
"IFS2023 Industry Update Webinar - Jan 17, 2023"
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The Global Semiconductor Monthly Report February 2023

It's Just A Normal Cycle ...
Time For Clear Heads & Calm

Over 33 years As *THE* Authoritative Industry Scorekeeper, Best In Class Track Record Of Consistently Calling The Trends Right ...

- ☑ Nov 2016 - Correctly Called Double Digit Upturn In 2018
- ☑ Apr 2020 - Correctly Called 'Stay Calm' Advice Re Covid-19 Lockdown Impact
- ☑ Sep 2020 - Correctly Called 2021 Double-Digit Growth, With 24% Upside
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- ☑ May 2022 - Warned Of Negative Double Digit Growth In 2023

Proceedings & Video Link Now Available
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The Global Semiconductor Monthly Report August 2023

The Recovery Has Started ...
And It's Off To A Great Start

Over 34 years As *THE* Authoritative Industry Scorekeeper, With An Exemplary Record Of Accuracy & Calling The Trends Right ...

- ☑ Nov 2016 - Correctly Called Double-Digit Upturn In 2018
- ☑ Apr 2020 - Correctly Called 'Stay Calm' Advice Re 2020 Covid-19 Impact
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- ☑ Dec 2021 - Correctly Called Market Downturn In 2H-2022
- ☑ Mar 2022 - Correctly Warned Of Double Digit Negative Growth In 2023

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12 Sep 2023 Industry Update Webinar
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Over 35 years As *THE* Authoritative Industry Scorekeeper ...
Exemplary Record Of Accuracy & Calling The Trends Right ...

- ☑ Nov 2016 - Correctly Called Double-Digit Upturn In 2018
- ☑ Apr 2020 - Correctly Called 'Stay Calm' Advice Re 2020 Covid-19 Impact
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The Global Semiconductor Monthly Report

Future Horizons has developed an **unparalleled industry database** addressing **markets, technologies** and **supply** in every significant area. With services ranging from **bespoke industry studies** to **monthly and quarterly industry updates** and **forecasts** as well as **deep dive reports** on **key strategic issues** on **what drives the industry**.

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A **C-Suite favourite**, the **Global Semiconductor Monthly Report** provides monthly **analysis** and **commentary** on the **global semiconductor industry** and the future **market outlook** and **forecast**.

Malcolm Penn, Founder & CEO, Future Horizons – “We pride ourselves on the integrity of our work and the rigour and discipline employed in everything we do, not least of which is our commitment to accurate, impartial and trusted information.”

Founded in 1989 Future Horizons is the **premier IT & Semiconductor industry watcher**. Its focused **expert team** has almost **300 years’ experience** of the industry, starting from the **first commercial IC**.

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The Global Semiconductor Industry Analyst

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- About FH

Plus ... Ask The Analyst

- ✓ **Got a question** on the information in this month's Report?
- ✓ **Need** more information on what we've said?
- ✓ **Don't agree** with our conclusions?

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Commercial IC**

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The Reasons Why**



Established in April 1989, Future Horizons provides market research, technical appraisal and industry analysis for use in due diligence opportunity assessment, business planning and new market development. Its industry information seminars and forums are widely considered to be the best of their kind. Emphasis is placed on the worldwide microelectronics and associated electronics industry and European market environment.



Malcolm Penn is the founder and CEO of Future Horizons, with over 55 years experience in all aspects of the IT industry, from semiconductors to end-electronics equipment; advance research to manufacturing and applications together with an extensive network of C-level industry contacts. He has worked extensively throughout Europe as well as in the United States, the former USSR, Japan and Korea, and was an early pioneer of pan-European research and product development collaboration in the 1970s during his tenure with ITT Europe.

His wide range of experience includes brokering partnerships and helping firms develop their joint activity relationships. Prior to establishing Future Horizons, he held various operations, marketing and business development positions in the semiconductor and IT industry having worked his way through university as a professional musician.



Mike Bryant is Future Horizons CTO. With more than 45 years in the electronics industry, he is an experienced RF and analogue/mixed signal IC design engineer, specialist in providing IC design and consultancy services on hardware and systems design partitioning, software and digital signal processing design methodology and implementation. Recognising the convergence of many software and digital hardware design techniques, Mike was one of the first in Europe to use HDL and

logic synthesis exclusively for all logic design

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US Affiliate:
Lane Mason
Senior Industry Analyst
Palo Alto, California, USA
Tel: + 1 650 248 6178
lmason@futurehorizons.com

Israel Affiliate:
Amir Ben Artzi Content & Media
40 Derech Hayam St.
Havatzelet Hasharon, 42937 Israel
Tel: + 972 73 7367966
Fax: + 972 9 8665799
amir@amircm.com

Russian Affiliate:
ELINT
6th Floor, 40 Bldg, 1, 3y Proezd Maryinoy Roshchi
127018 Moscow, Russia
Tel: +7 459 228 0766
Fax: + 7 495 787 3869
elintsp@mail.ru

Indian Affiliate:
Pradeep Chakraborty PC Mediaworks
Tel: +91 99451 27632
pradeepchakra@gmail.com

Far East Affiliate:
Masanori Sugane
Director of Japan Office
Itabashi-ku, Tokyo, Japan
Tel: + 81 90 3141 7966
sugane@futurehorizons.com

European Affiliate:
GMC Suisse
Ch. de la Dauphine 20
CH-1291 Commugny
Switzerland
Tel: + 41 22 349 0939
wladek@grabinski.ch

Future Horizons Ltd Blakes Green Cottage Sevenoaks Kent TN15 0LQ England
Tel: +44 1732 740440 Fax: +44 1732 608045
E-mail: mail@futurehorizons.com web: www.futurehorizons.com