Putting Malaysia in the World Map of IC Design

SkyeChip Business Focus

Design and Sale of advanced <u>Silicon IPs and IC Products</u> for Artificial intelligence and High Performance Computing

Moving up Semiconductor Value Chain

- **SkyeChip is the only Malaysian company to design advanced Silicon IP and IC products on 7nm technology**

- **Putting Malaysia in the World Map of Advanced IC Design**

Moving up the Value Chain

Hi Performance Computing

Artificial Intelligence

5G Communication

Industry 4.0

Digital Life Style

Automotive

BROADCOM · SAMSUNG · AMD · Qualcomm · NVIDIA · MICRON · TEXAS INSTRUMENTS · MARVELL · intel · SKYECHIP Accelerating Computing · XILINX

tsmc · UMC · SAMSUNG · intel · GLOBAL FOUNDRIES · SMIC · SILTERRA

ASE Technology Holding Co., Ltd. · SPIL · Amkor Technology · TF 通富微電 · Carsem · Inari Technology · GREATECH · VITROX · PENTAMASTER · unisem

IC DESIGN

WAFER FABRICATION
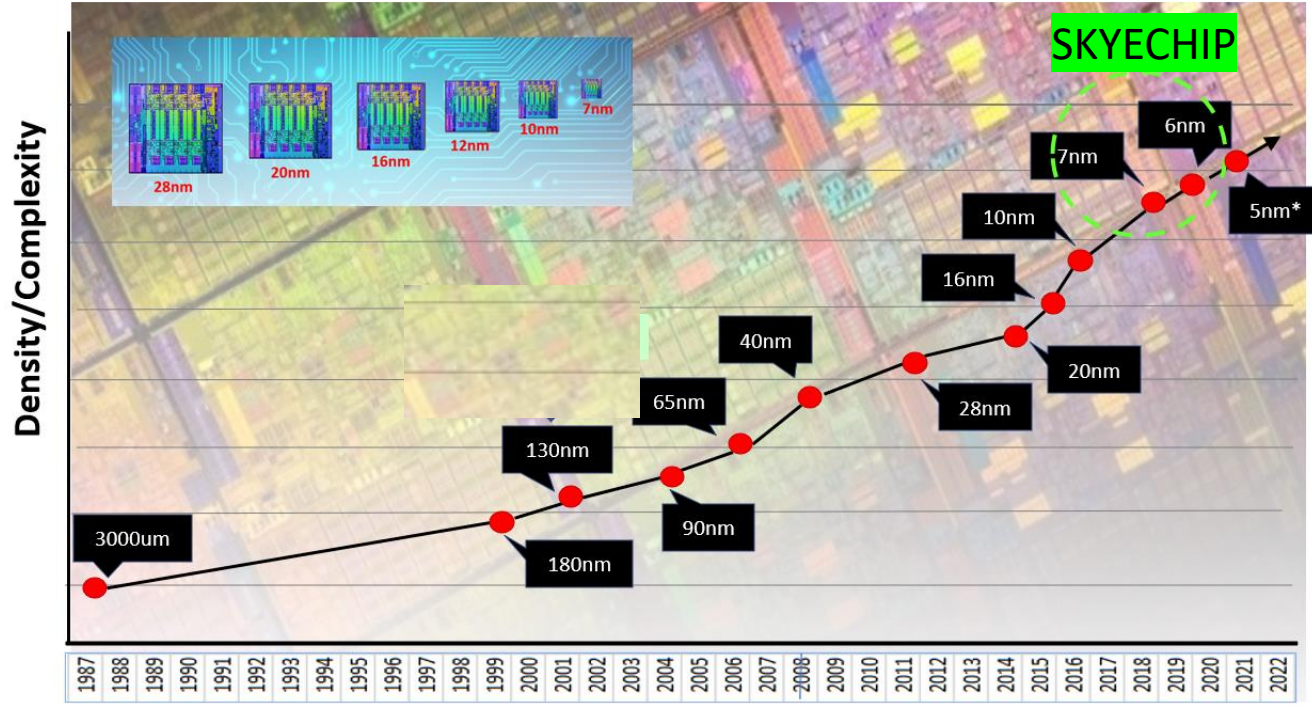
ASSEMBLY & TEST

SKYECHIP TEAM

- Turning 30 Years of IC Design experience in MNCs into **Malaysian ASSET**
- 100 people strong.   650 years of total experience. 85 US patents. 100% Malaysian

SKYECHIP

INTEL MALAYSIA

Intel started in 1972
IC Design: Started 1991

ALTERA MALAYSIA

Altera Started in 1994
IC Design: Started 1994

OTHER MNCS

Agilent   AMD   CYPRESS
EMBEDDED IN TOMORROW

RENESAS   Microsemi
eASIC

MARVELL   BROADCOM

Decades of experience in designing world class IC products

intel CORE i9
CPU

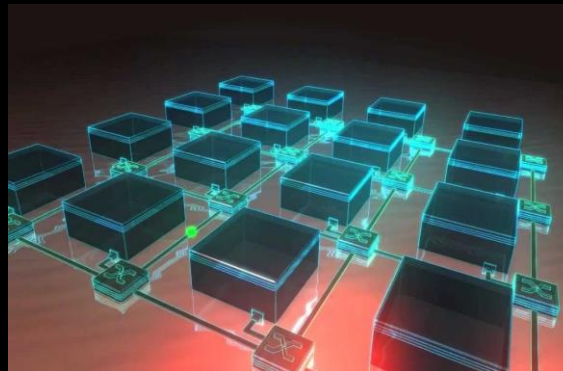CHIPSETS

FPGAs

SOCs

Advanced Technology Development

- Only Malaysia and ASEAN IC company using 7nm process technology

- Designing cutting edge IPs: High Bandwidth Memory 3 (HBM3) and Network on Chip

- Already filed 12 patents in US in 1st year

- Team size reaches 100 people.
  - 40% more than 10 years experience
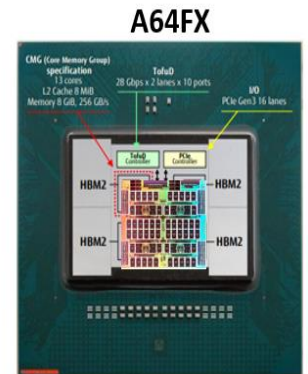
High Bandwidth Memory 3 IP
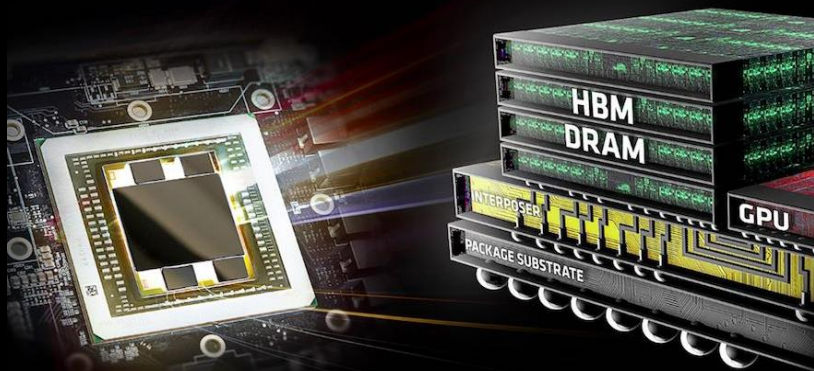
Network On Chip IP

SkyeChip Technology vs Fugaku Supercomputer

Rank	System	Cores	Rmax (TFlop/s)	Rpeak (TFlop/s)	Power (kW)
1	Supercomputer Fugaku - Supercomputer Fugaku, A64FX 48C 2.2GHz, Tofu interconnect D, Fujitsu RIKEN Center for Computational Science Japan	7,299,072	415,530.0	513,854.7	28,335

A64FX

- TSMC 7nm FinFET & CoWoS
- Armv8.2-A SVE (
- HBM2
- Broadcom SerDes
- High performance Network on Chip
- High Speed SRAMs