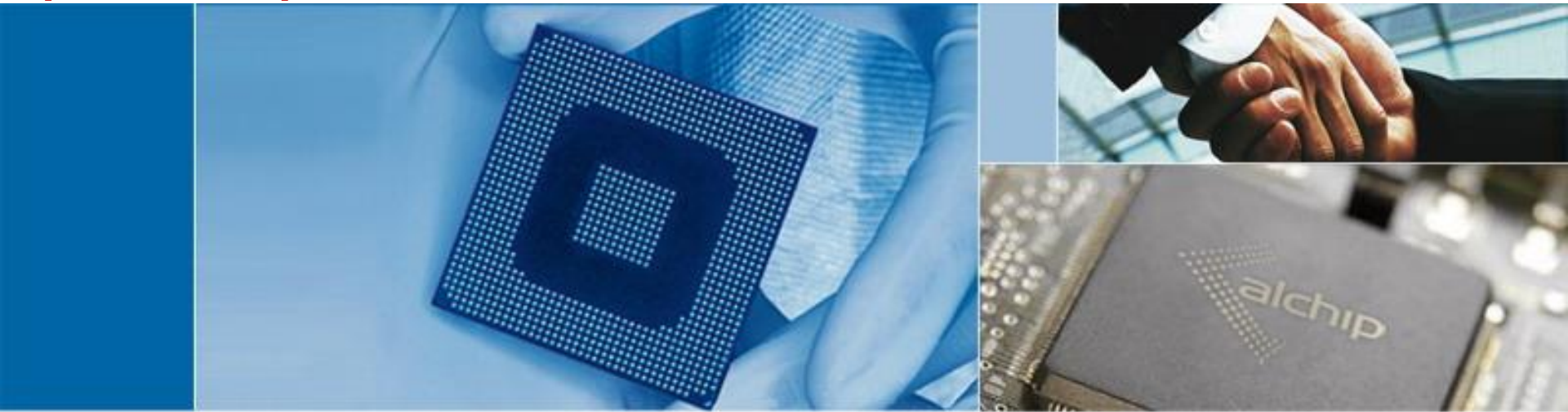




**(3661 TT)**



# **Alchip Technologies**

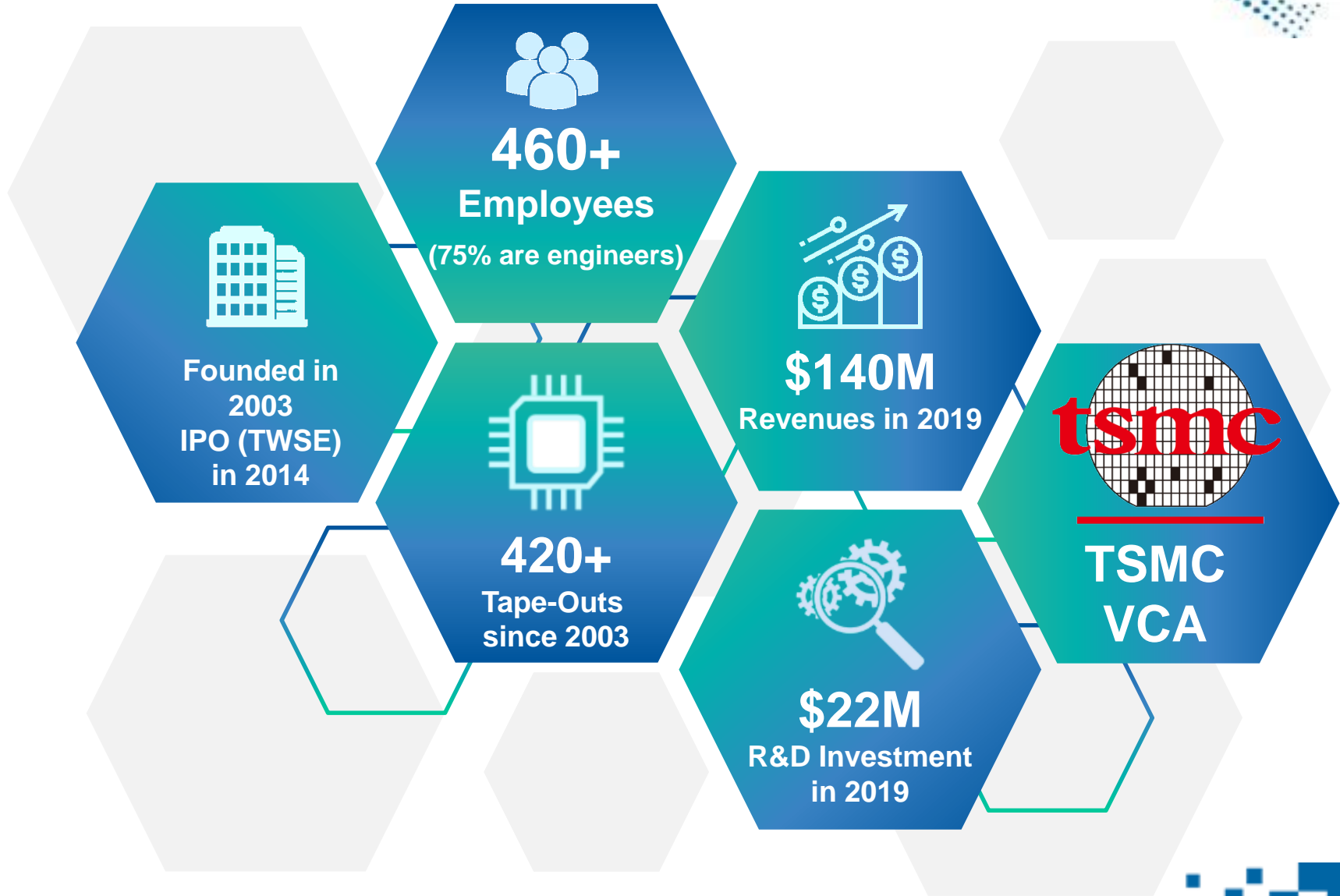
**Trusted Silicon Partner Realizing Innovations**

# Safe Harbor Disclaimer



This presentation contains forward-looking statements, including statements about business outlook and strategy, and statements about historical results that may suggest trends for our business. These statements are based on estimates and information available to us at the time of this presentation and are not guarantees of future performance. Actual results could differ materially from our current expectations as result of many factors, including: our financial performance, including our net revenue, cost of revenue, operating expenses and ability to sustain profitability; our planned capital expenditures; our ability to expand our customer base; our ability to expand our product and service offerings; the impact of seasonality on our business; our ability to remediate the material weaknesses and significant deficiencies in our internal control over financial reporting; our ability to stay abreast of modified or new laws applying to our business; and our spending of the net proceeds from this offering. Except as required by law, we undertake no obligation to update any forward-looking statements, whether as a result of new information, future events, or otherwise.

# Alchip at a Glance



# ASIC Applications



# 1H20 Operation Recap



1H20 total revenue came at US\$105.5M, up 65% YoY

- Record breaking 1H revenue, net income and EPS
- Both Design and production posted strong momentum in 1H on sequential 7nm projects tape-outs coupled with strong HPC chip shipments to China customers
- 1H20 gross margin was 34.1%, lower on YoY stance, due to higher mix of production revenue

2Q20 revenue was US\$55M, up 8.8% and 98% QoQ and YoY, respectively. Operating income reached \$8.7M, up 165% YoY

- 2Q20 NRE revenue accounts around 45-50% of total revenue

# 1H20 Quarterly Income statement

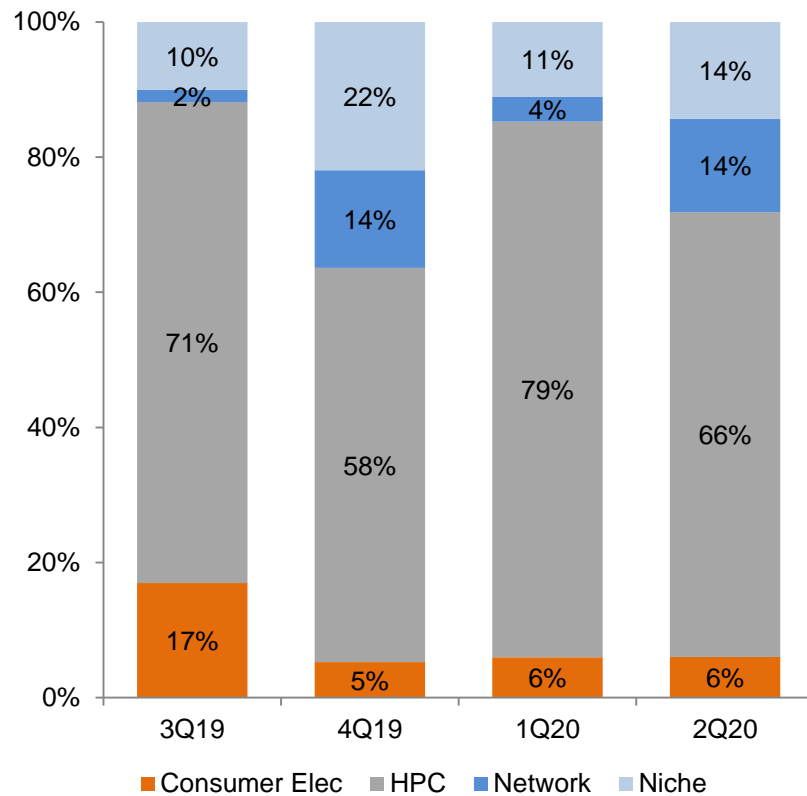


US\$'000	1Q20	2Q20	QoQ (%)	YoY (%)	1H20	YoY (%)
Revenue	50,493	54,957	8.8	98	105,450	65
COGs	33,738	35,793	6.1	114	69,531	
Gross Profit	16,755	19,164	14.4	74	35,919	
Op. Exp	9,778	10,476	7.1	19	20,254	
Op. Income	6,977	8,688	24.5	293	15,665	165
Non. Op.	587	-180	n.m.	n.m	407	
Pre-Tax Profit	7,564	8,508	12.5	210	16,071	142
Income Tax	-1,774	-2,097	18.2	605	-3,870	
Net income	5,790	6,411	10.7	162	12,201	115
EPS (NT\$)	2.87	3.14			6.0	

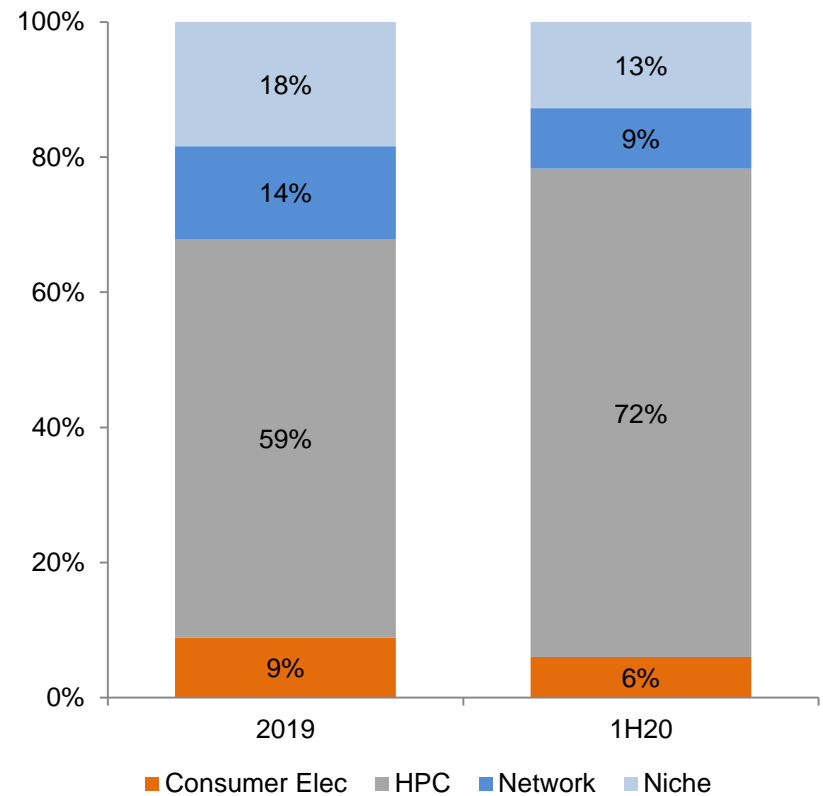


# Revenue breakdown by application

## Quarterly breakdown

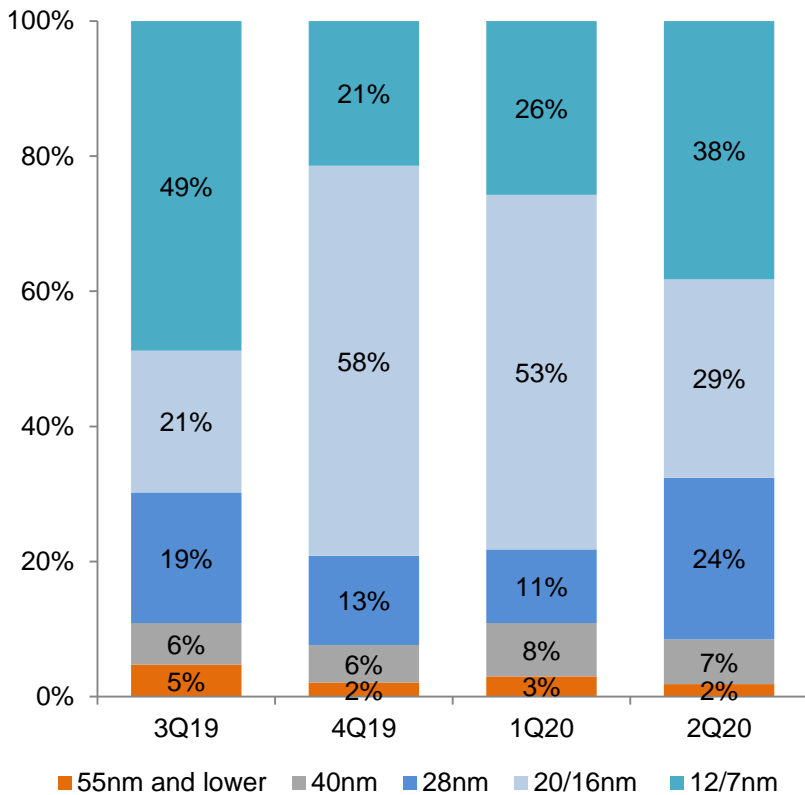


## 18-20 Yearly breakdown

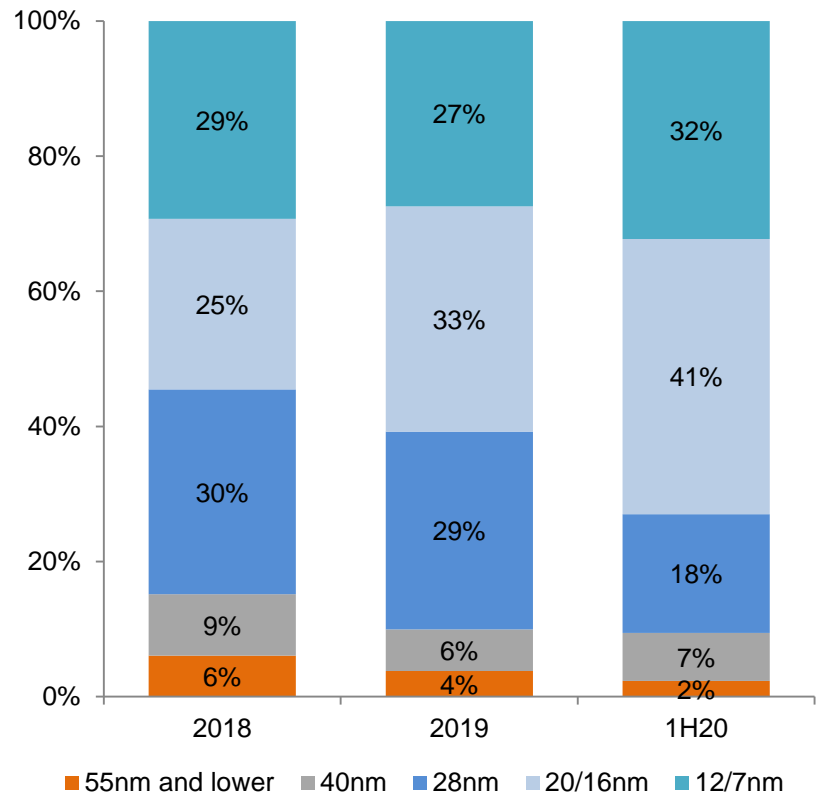


# Revenue breakdown by process node

## Quarterly breakdown



## 18-20 Yearly breakdown



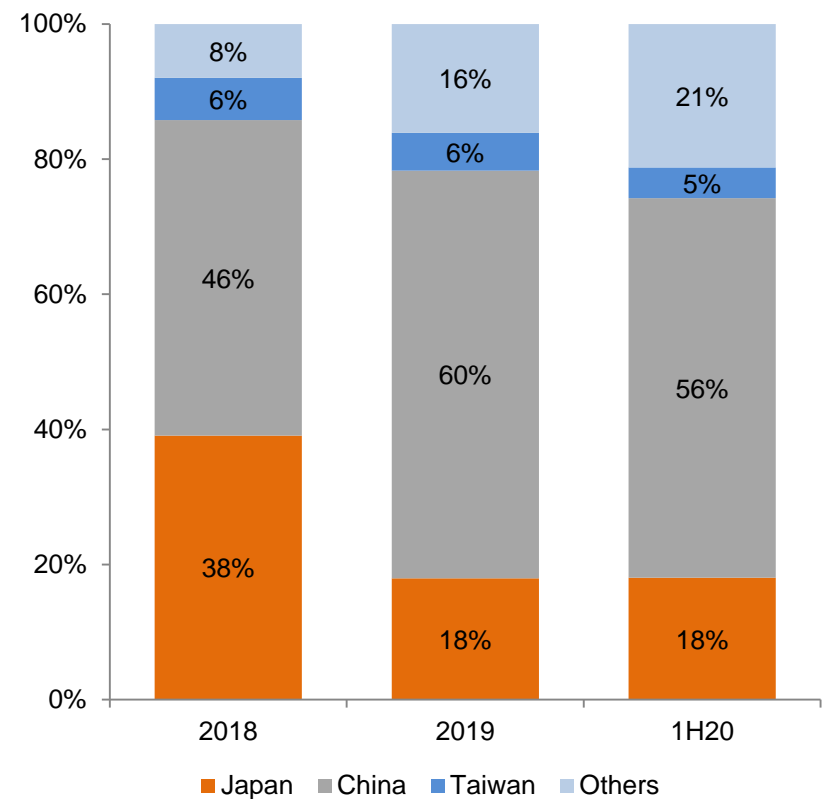
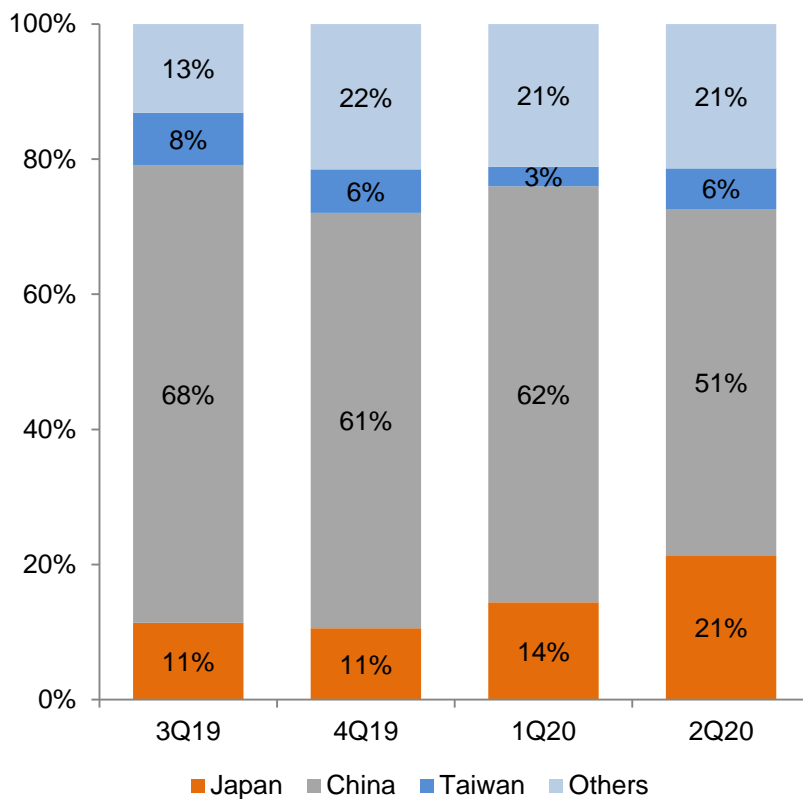
Advanced process node means 40nm or better



# Revenue breakdown by region

## Quarterly breakdown

## 18-20 yearly breakdown



# Industry and company outlook



## China HPC IC demand remains strong

- China IC localization trend keep on going with increasing demand from HPC customers
- Expected existing HPC IC projects coupled with 7nm shipments to start in 4Q20 to drive 2H20 revenue growth
- In addition to existing customers, opportunities from new customers keep knocking door

## AI demand in North America remains good but growing pace trapped by COVID pandemic

- Expected 7nm project from new customers to tape-out in 2H20
- New 5nm design won



**Thanks!**

[www.alchip.com](http://www.alchip.com)



**Trusted Silicon Partner  
Realizing Innovations**

Taipei/Hsinchu | Shin Yokohama | Santa Clara | Shanghai/Wuxi | Seoul

**Corporate Headquarters**

9F, No.12., Wenhua St., Neihu Dist., Taipei, Taiwan 114

Tel +886-2-2799-2318

Fax +886-2-2799-7389