



SUNPLUS

www.sunplus.com

2Q 2022 Investor Conference

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Make difference

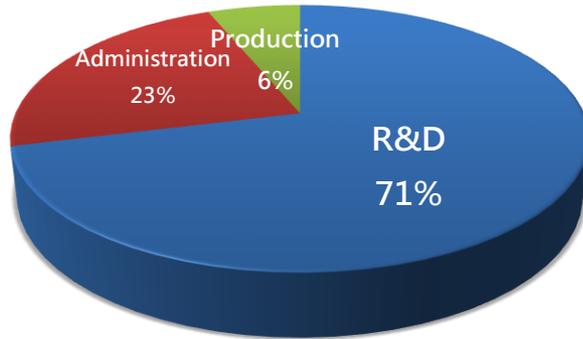
Sunplus Affiliates

	Profession	Shareholding	Stock code
 SUNPLUS	Sunplus Technology Co., Ltd. (592m shares) Automotive IC & IP Design	100%	TWSE#2401
	Generalplus Technology Co., Ltd. (109m shares) Speech/Music, LCD, Digital Video & Image SoC Turnkey Solutions, Micro-Controllers	48%	TWSE#4952
	Sunplus Innovation Technology Inc. (59m shares) Web Cam & HID Control IC	58%	TWSE#5236
	Sunext Technology Co., Ltd. (64m shares) ODD & Motor Drive IC	93%	
	Jumplux Technology Inc. (24m shares) Automotive MCU & USB Storage ASIC	97%	

* Based on 2022/6/30 Consolidated-holding by Sunplus

Human Resources

Global Employees

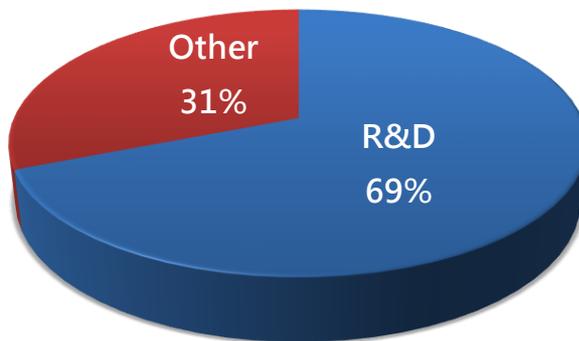


Global Employees/ R&D

1,083 / 770

42% Master above

Sunplus HR



Sunplus HR/ R&D

354 / 244

62% Master above

* Data by 2022/6/30

Q2 Consolidated Results

(NT\$ million)	2022 2Q		2022 1Q		2021 2Q		QoQ	YoY
Net Sales	1,985	100%	2,115	100%	2,102	100%	(6%)	(6%)
COGS	951	48%	960	45%	1,024	49%	(1%)	(7%)
Gross Margin	1,034	52%	1,154	55%	1,078	51%	(10%)	(4%)
R&D Expenses	546	28%	624	30%	512	24%	(13%)	7%
SG&A Expenses	226	11%	261	12%	250	12%	(14%)	(10%)
Operating Net Profit (Loss)	262	13%	269	13%	316	15%	(2%)	(17%)
Non-Op. Gain (Loss)	(66)	(3%)	363	17%	210	10%	(118%)	(131%)
Net Income (Loss)	119	6%	550	26%	440	21%	(78%)	(73%)
Other Comprehensive Income	(68)	(3%)	115	5%	(37)	(2%)	(159%)	86%
Total Comprehensive Income	50	3%	665	31%	403	19%	(92%)	(88%)
Net Profit Attributable To								
Shareholders of the parent	(44)	(2%)	371	18%	285	14%	(112%)	(115%)
Non-controlling interests	163	8%	179	8%	155	7%	(9%)	5%
EPS (NT\$)	(0.08)		0.63		0.49			

** EPS based on outstanding 591,994,919 shares on 2022/06/30

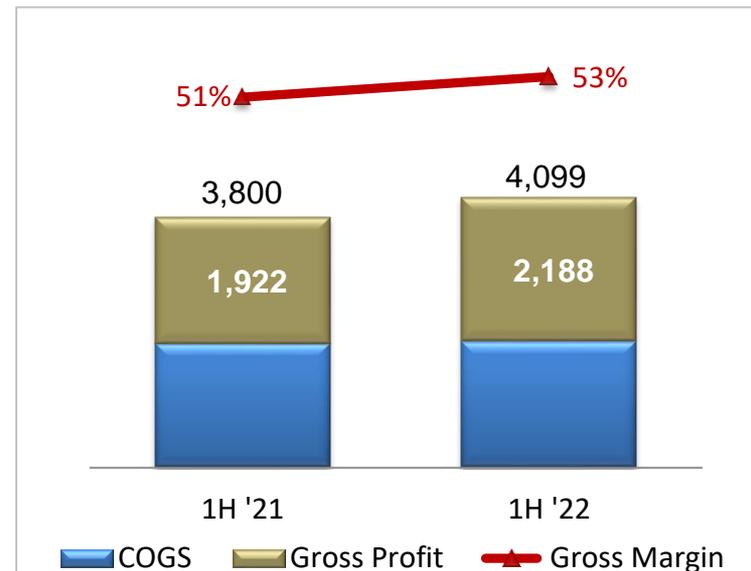
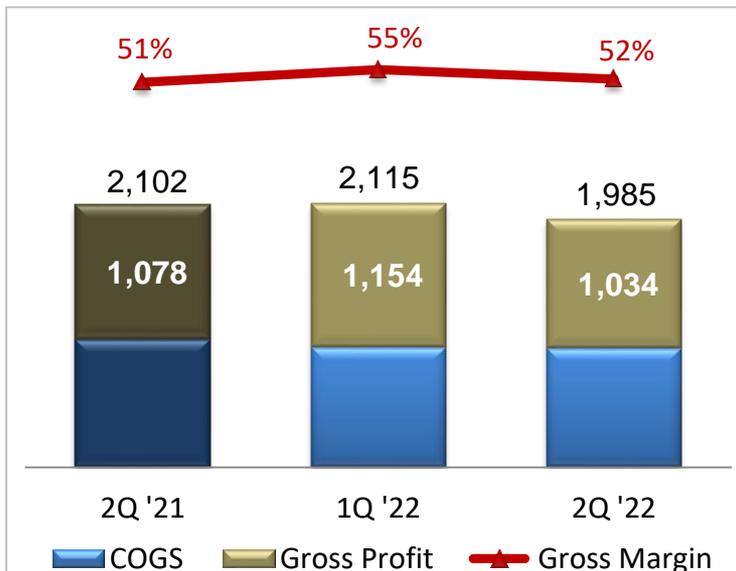
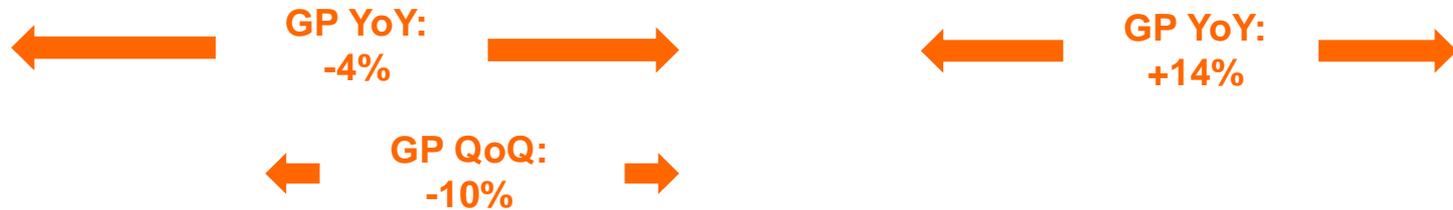
1H Consolidated Results

(NT\$ million)	2022 1H		2021 1H		YoY
Net Sales	4,099	100%	3,800	100%	8%
COGS	1,911	47%	1,878	49%	2%
Gross Margin	2,188	53%	1,922	51%	14%
R&D Expenses	1,170	29%	1,016	27%	15%
SG&A Expenses	487	12%	468	12%	4%
Operating Net Profit (Loss)	531	13%	438	12%	21%
Non-Op. Gain (Loss)	297	7%	471	12%	(37%)
Net Income (Loss)	668	16%	757	20%	(12%)
Other Comprehensive Income	47	1%	(28)	(1%)	(269%)
Total Comprehensive Income	716	17%	730	19%	(2%)
Net Profit Attributable To					
Shareholders of the parent	327	8%	503	13%	(35%)
Non-controlling interests	342	8%	254	7%	34%
<u>EPS (NT\$)</u>	<u>0.56</u>		<u>0.85</u>		

** EPS based on outstanding 591,994,919 shares on 2022/06/30

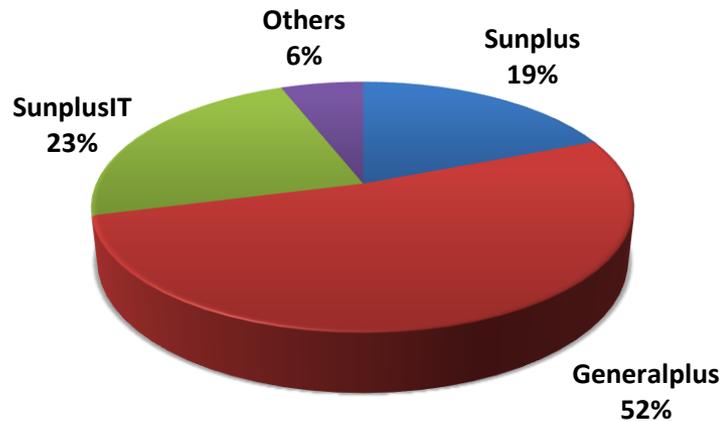
Consolidated Net Sales & Gross Profit

NT\$ million

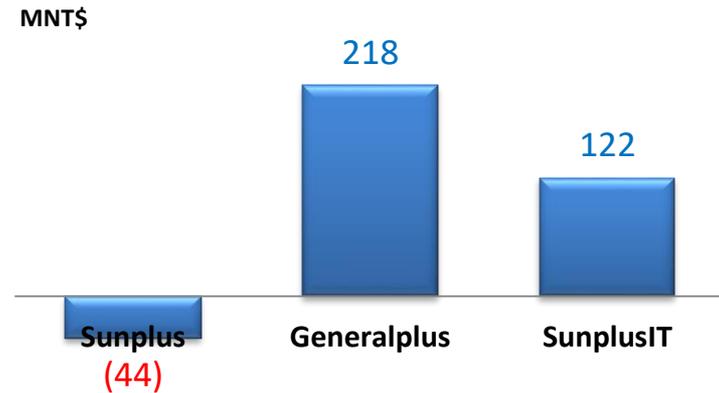


2021 Affiliates' Contribution

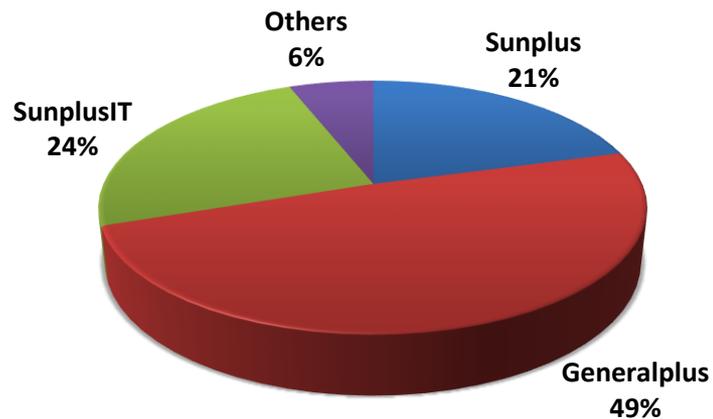
2Q '22 Net Sales : 1,985 MNT\$



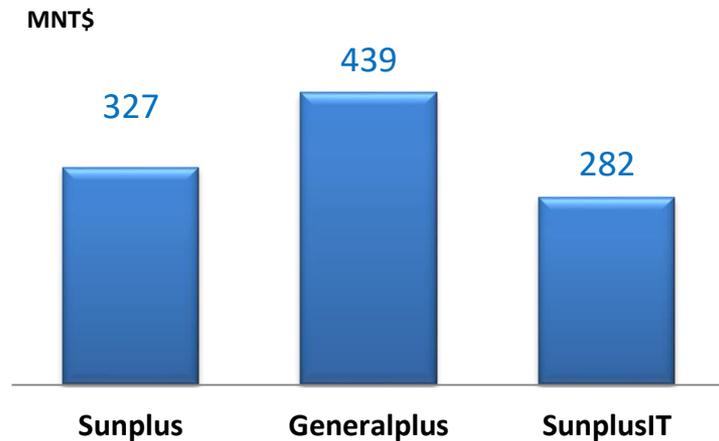
2Q '22 Net Income



1H '22 Net Sales : 4,099 MNT\$



1H '22 Net Income



Q2 Consolidated Balance Sheet

(NT\$ million)	2022 2Q	2022 1Q	2021 2Q	QoQ	YoY
Total Assets	16,637	16,357	13,782	2%	21%
Cash and Cash equivalents	4,577	4,336	3,541	6%	29%
Financial asset at fair value through profit or loss - current	1,778	1,819	1,190	(2%)	49%
Inventory	1,973	1,723	1,082	14%	82%
Equity Method Investments	931	955	932	(3%)	(0%)
Financial asset at fair value through profit or loss - non-current	1,727	1,754	1,362	(2%)	27%
Total Liabilities	5,032	3,350	3,152	50%	60%
S-T Bank Loans	138	77	329	79%	(58%)
Account Payable	652	683	607	(5%)	7%
Other current liabilities	2,937	1,215	969	142%	203%
Total Shareholder Equity	11,605	13,007	10,630	(11%)	9%
ROE%	11.52%	16.91%	14.25%		
Net Asset Value per Share (NT\$)	15.68	17.86	15.03		

Cash Flows

(NT\$ million)	2022 2Q	2022 1Q	2021 2Q	QoQ	YoY
From Operation	236	(453)	279	(152%)	(16%)
From Investment	(71)	13	(111)	(650%)	(36%)
From Financing	67	(71)	44	(194%)	51%
<u>Net Cash Flow in (out)</u>	<u>241</u>	<u>(499)</u>	<u>207</u>	<u>(148%)</u>	<u>16%</u>
<u>Cash and Cash equivalents</u>	<u>4,577</u>	<u>4,336</u>	<u>3,541</u>	<u>6%</u>	<u>29%</u>

(NT\$ million)	2022 1H	2021 1H	YoY
From Operation	(217)	423	(151%)
From Investment	(58)	(497)	(88%)
From Financing	(5)	219	(102%)
<u>Net Cash Flow in (out)</u>	<u>(259)</u>	<u>140</u>	<u>(284%)</u>
<u>Cash and Cash equivalents</u>	<u>4,577</u>	<u>3,541</u>	<u>29%</u>

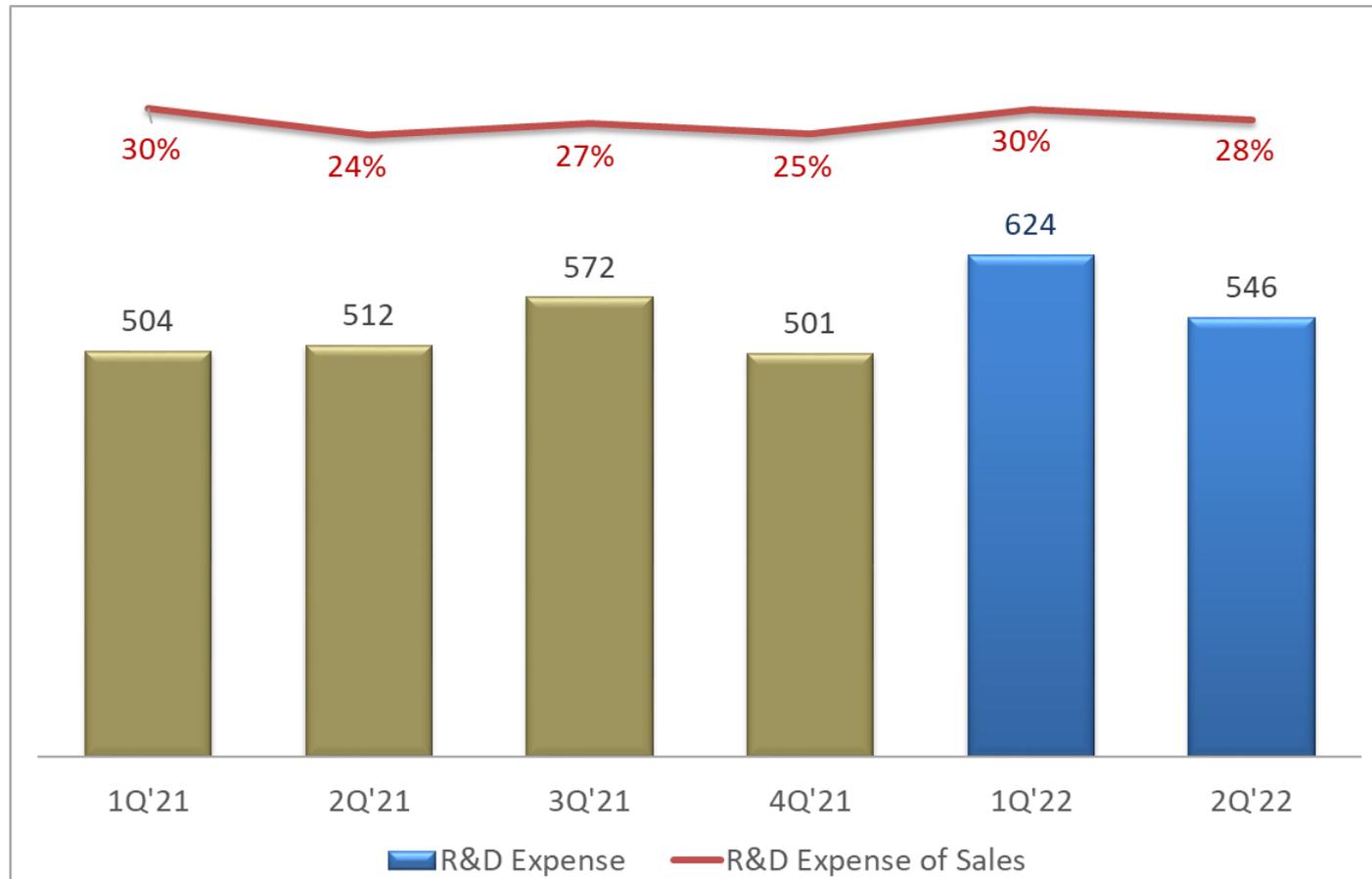
Non-Operating Gain

(NT\$ million)	<u>2022 2Q</u>	<u>2022 1Q</u>	<u>2021 2Q</u>	<u>QoQ</u>	<u>YoY</u>
Other Income	30	40	57	(24%)	(47%)
Exchange Gain (Loss)	21	27	(5)	(25%)	(511%)
Gains on Financial Assets (Liabilities) at Fair Value through Profit or Loss	(202)	(158)	127	28%	(259%)
Investment Gain Recognized under Equity Method	7	1	25	498%	(72%)
Disposal of investment interests under equity method	1	448	0	(100%)	
Non-Operating Gain	(66)	363	210	(118%)	(131%)

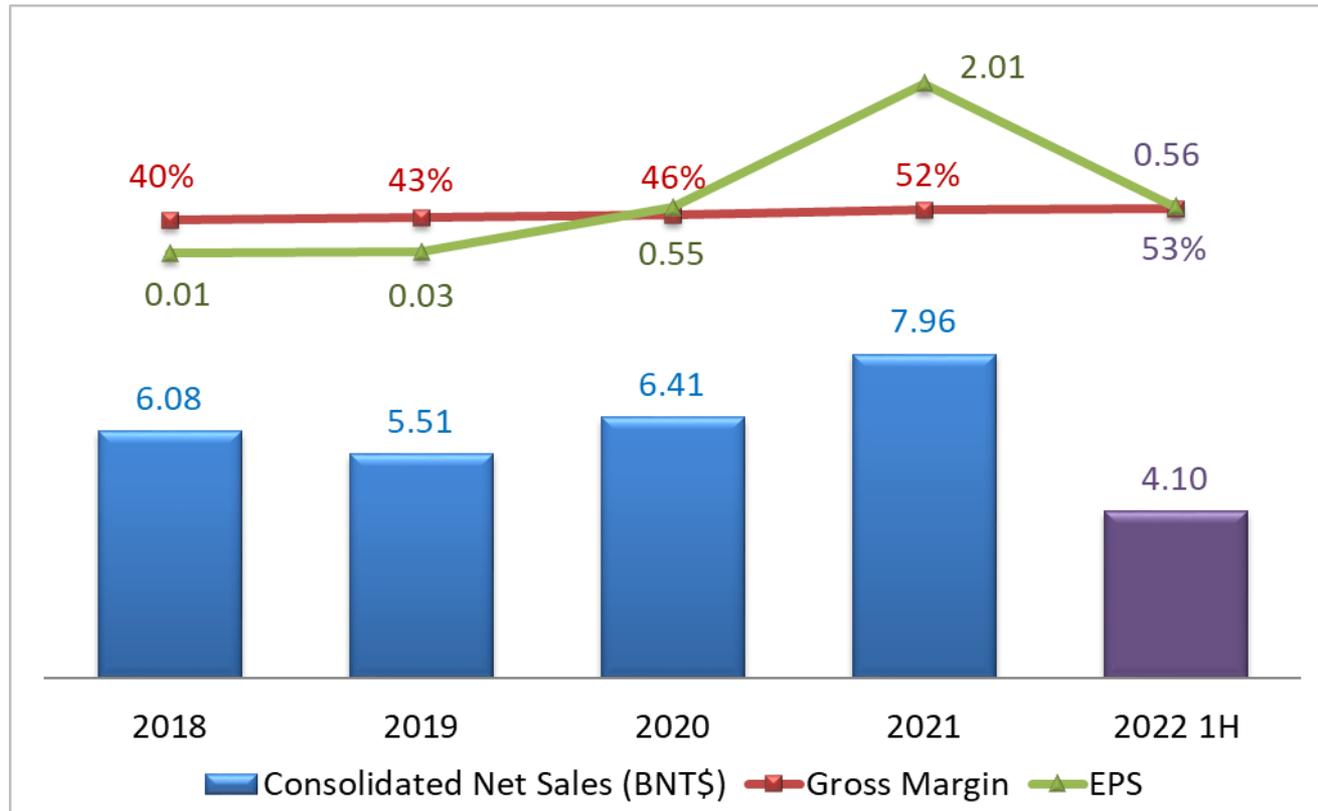
(NT\$ million)	<u>2022 1H</u>	<u>2021 1H</u>	<u>YoY</u>
Other Income	70	96	(27%)
Exchange Gain (Loss)	48	(11)	(532%)
Gains on Financial Assets (Liabilities) at Fair Value through Profit or Loss	(360)	353	(202%)
Investment Gain Recognized under Equity Method	8	22	(62%)
Disposal of investment interests under equity method	449	0	
Non-Operating Gain	297	472	(37%)

R&D Expenses

NT\$ million



Financial Statement



Sunplus Group

Generalplus

Generalplus Technology

Consumer IC/ Wireless charger



SUNPLUS

Automotive/Audio/DVD IC & IP



SUNEXT

Sunext Technology

Intelligent Driving & Ultra High-Definition Disc

Samsung
SMART
Blu-ray Player



Jumplux Technology

Automotive MCU & USB Media Controller



SunplusIT Sunplus Innovation Technology

UVC & HID Application



Sunplus Product Portfolios

Automotive

In-Vehicle Infotainment



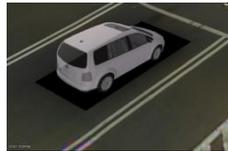
Display Audio



RSE



AVM/BSD



SUNPLUS

Soundbar/Party Speaker



DVD

CD/ DVD Player



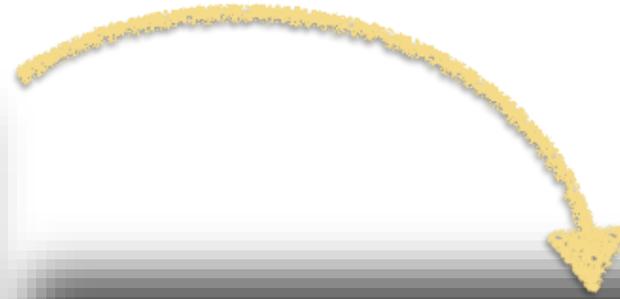
Karaoke/Video boombox



Audio

Automotive- Display Audio

Smartphones make computing more personal, and make cars smarter



IVI - Display Audio



OS Level Links

Apple CarPlay



Google AndroidAuto



Huawei Hicar



Application Level Links

Baidu Carlife



Abalta Weblink



Carbit YiLian



Amazon Alexa



Sunplus Proprietary

iOS Mirror



Auto Link



Automotive Product

Automotive Applications Processors

- Cluster



- In-Vehicle-Infotainment



- AVM/ADAS



iCockpit: IVI+Cluster



IVI+AVM

Was: IVI & AVM Box



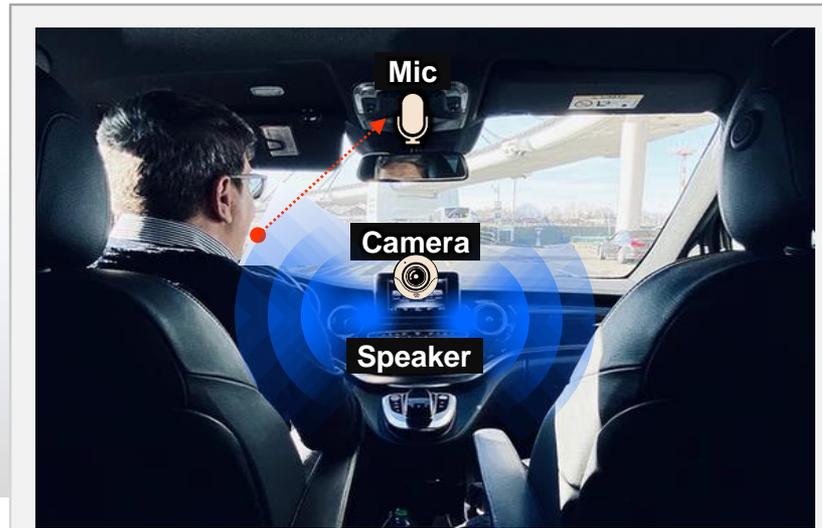
Now: IVI with AVM Built-in



Cost Saving

IVI+ADAS

iCopilot Project



Driver ID.



Face Detection

Face Recognition

Voice Recognition



Driver Monitor System (DMS)



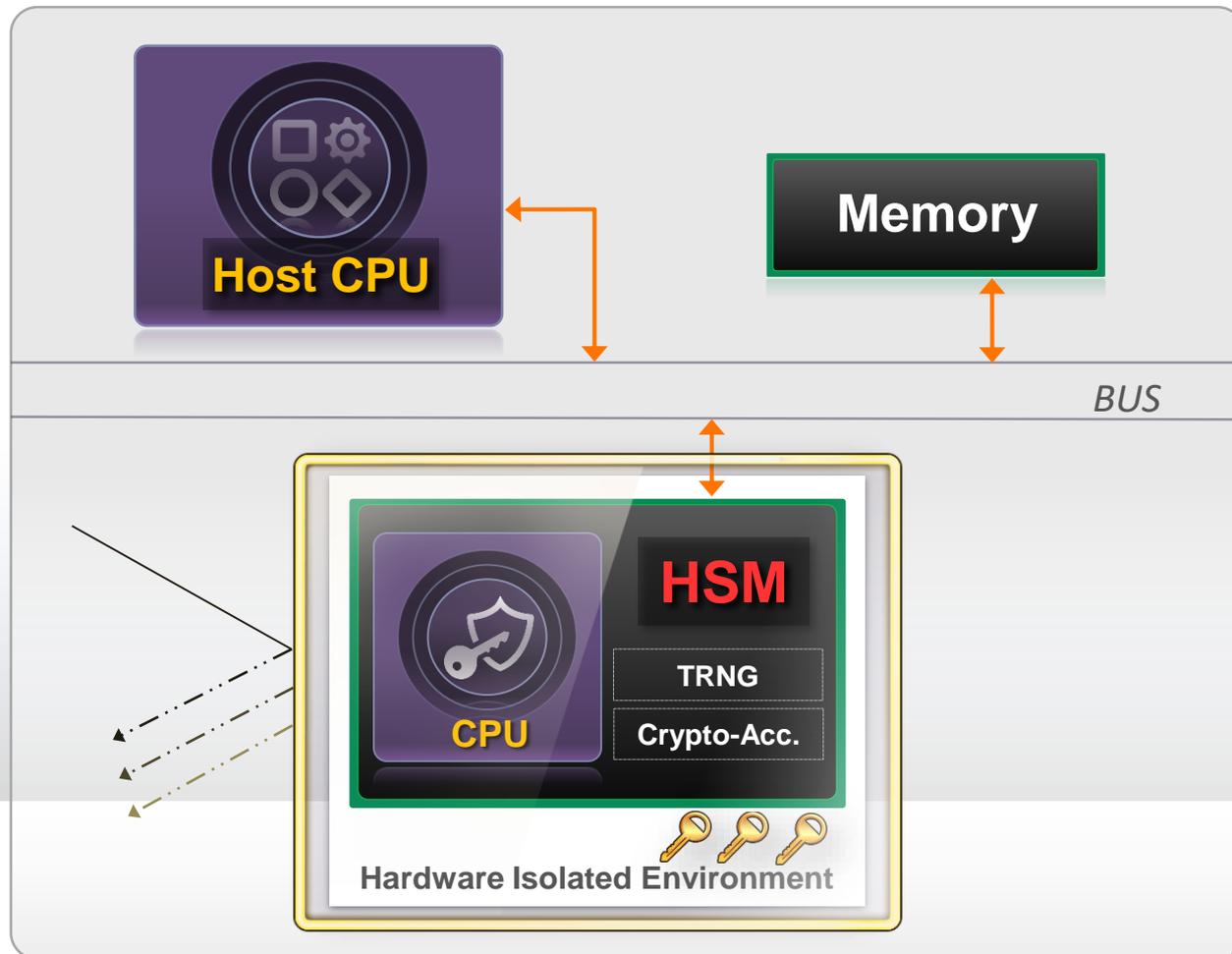
Face Detection

Driver Distraction / Fatigue Detection

Voice Assistant



HSM: Hardware Security Module

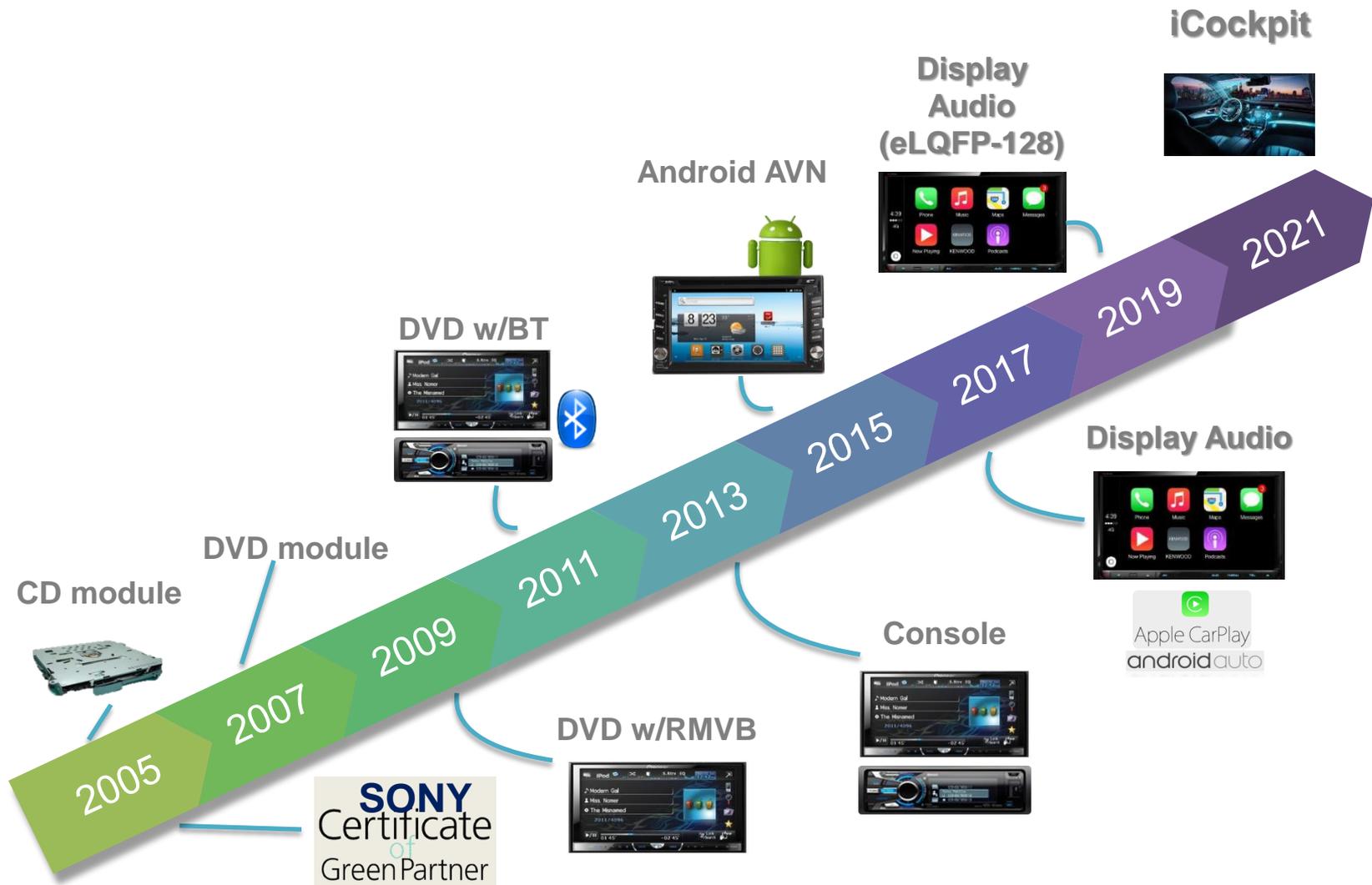


Motorcycle Cluster

- 7 inches LCD Cluster
 - Dual Bluetooth Module (Phone & Helmet)
- Support wireless phone-link APP
 - Navigation
 - Phone Call
 - Music Playback
- Support Phone Screen Mirroring



Auto. Product Line since 2005



From Apple to AI – Smart Information Hub



Audio

Audio Products

- Especially focus on Soundbar Products



Personal Speaker



Karaoke DJ Soundbar



Party Speaker



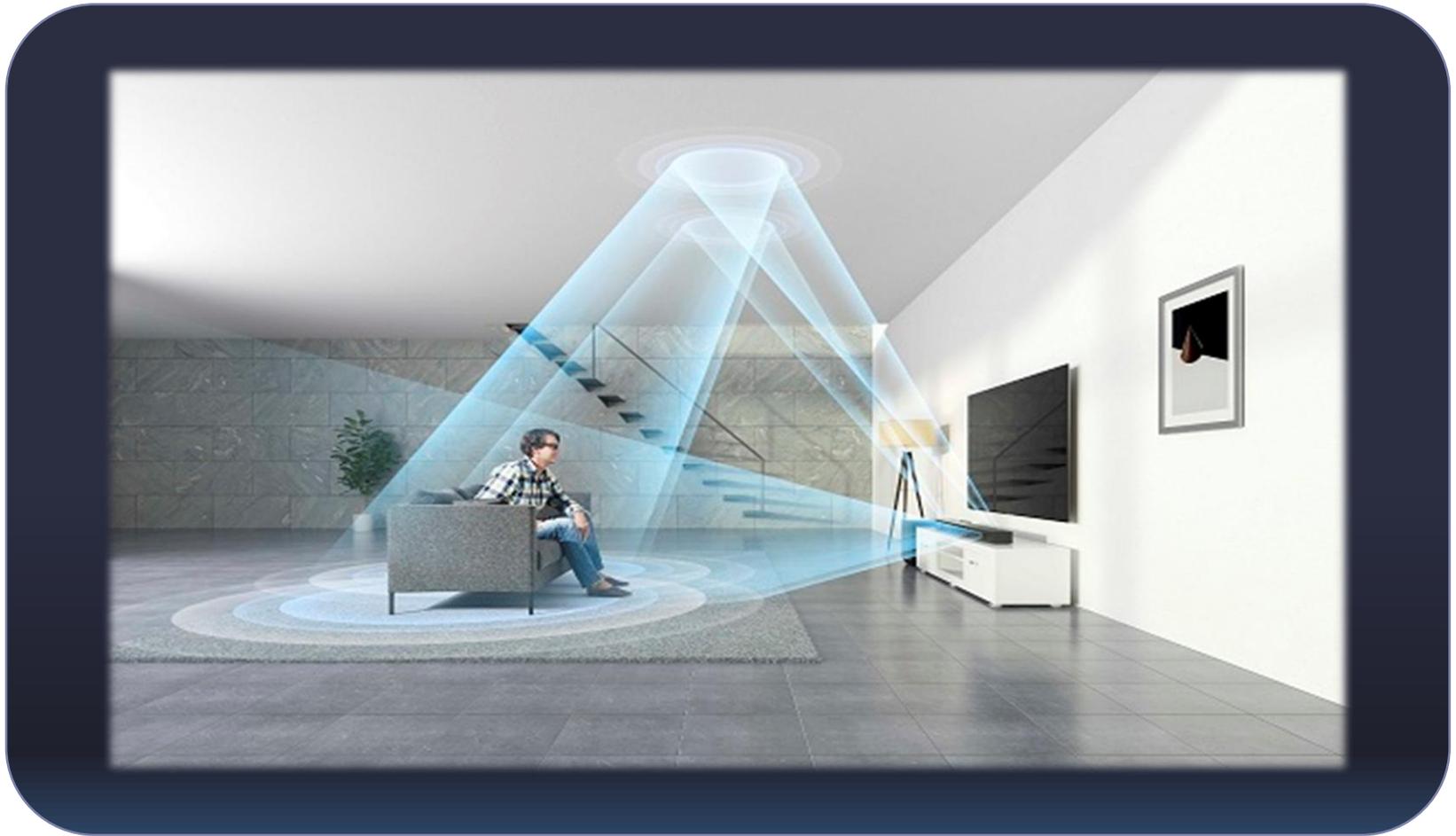
Boombox



Premium Soundbar

Soundbar

- Bridging the gap of Flat-panel HDTV & Home Theater



Best Cost-Performance Premium Soundbar Solution

3D Sound Effects

- Dolby ATMOS v1.8
- DTS: X, IMAX enhanced
- MPEG-H
- Sunplus Spatial Sound

AI Sound Classifier

- Advanced AI algorithms accurately classify media content

Room Correction

- Optimize the acoustics of Main Bar, Subwoofer for room

Sound Tuning Tool

- Powerful GUI tuning tool supports arbitrary sound adjustment

3rd-party Algorithm

- Capable of compatible to customer legacy sound algorithm

Bluetooth v5.3

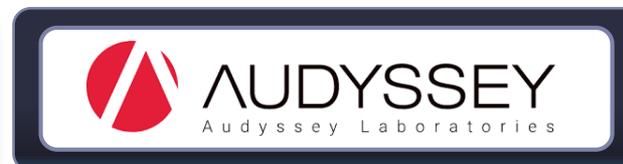
- LE Audio, LC3/LC3plus Codecs
- Multi-stream, Broadcast

AUX VA Input

- Function ready of wire connecting to Voice Assistant device



Soundbar Software Partner



IP Solutions

-Experience Optimized IP Solutions for SoC Design

IC Design & IP Design Service



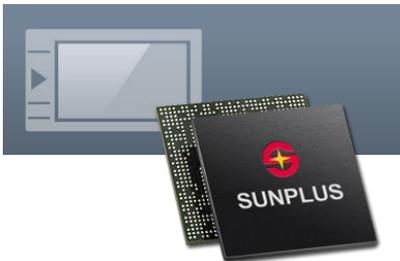
Media I/F (Audio/Video)

MIPI RX IP · HDMI Tx IP · LVDS IP · AUDIO ADC
AUDIO DAC · VIDEO DAC...



Data/Com I/F (Networking/Datacom)

10/100 ETHERNET PHY · USB 2.0 · USB 3.0
DDR 3/2 PHY · SerDes...



SoC Companion

SAR ADC · Pipeline ADC · PLL · SPREAD
SPECTRUM PLL...

Q & A



Make difference