TAIWAN SEMICONDUCTOR

Empowering Connections with Precision.

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Investor Presentation
Q2 FY26

August 2026

Disclaimer

This presentation includes forward-looking statements regarding Taiwan Semiconductor Inc. (TSC)'s business outlook, product development, market conditions, and strategic plans. These statements are based on current assumptions and expectations, and are subject to various risks and uncertainties—including changes in global economic conditions, customer demand, regulatory developments, supply chain disruptions, and competitive dynamics—which may cause actual results to differ materially.

References to future product features, timelines, or availability are provided for informational purposes only and do not constitute a commitment. TSC reserves the right to revise, delay, or cancel product plans at its sole discretion.

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Financials

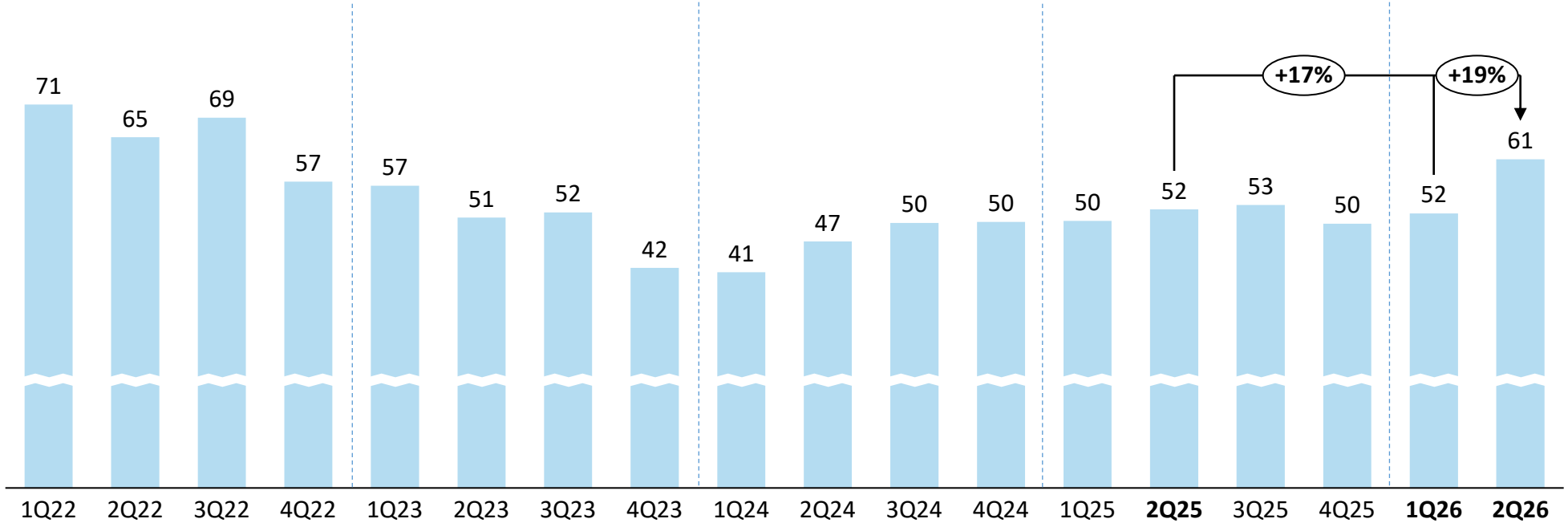
2Q26

Taiwan Semiconductor Co., Ltd

Quarterly Sales

(Semi)

Unit: $USD M



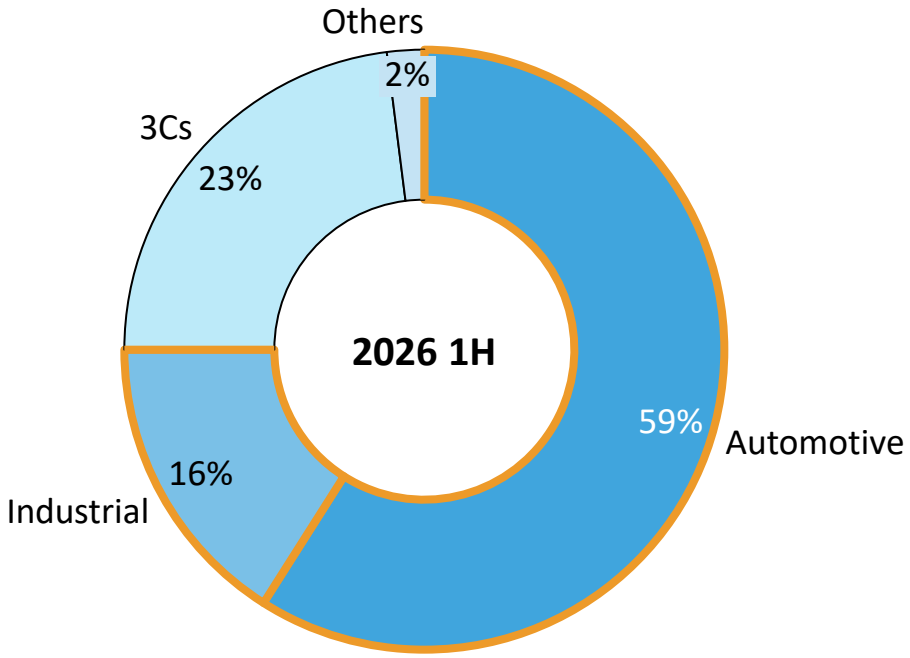
Profit & Loss

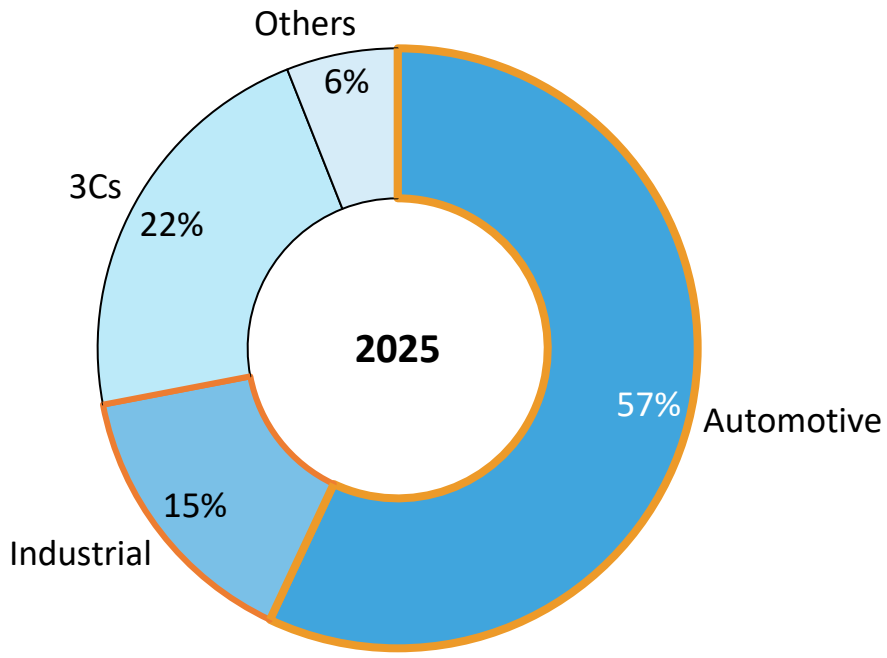
(Simplified)

In NTD millions	TSC Semi (5425)					TSC Group				
	2026Q2 YTD		2025Q2 YTD		YoY	2026Q2 YTD		2025Q2 YTD		YoY
	Amnt	%	Amnt	%	%	Amnt	%	Amnt	%	%
Net Revenue	$ 3,561	100	$ 3,279	100	9	$ 9,471	100	$ 9,216	100	3
Gross Margin	958	26.9	742	22.6	4.3 pts	2,879	30.4	2,612	28.3	2.1 pts
OPEX	655	18.4	592	18.0	0.3 pt	2,028	21.4	1,866	20.3	1.2 pts
Ops Income	304	8.5	151	4.6	101	851	9.0	746	8.1	14
Non-Ops	155	4.3	78	2.4	98	28	0.3	(159)	(1.7)	(118)
Tax	86	2.4	71	2.2	20	211	2.2	163	1.8	30
Non-Control	-	0.0	-	0.0	-	296	3.1	267	2.9	11
Net Income	$ 373	10.5	$ 158	4.8	5.7 pts	$ 373	3.9	$ 158	1.7	2.2 pts
EPS (NT$)	$ 1.52		$ 0.64			$ 1.52		$ 0.64		

Applications

Auto + Industrial **72~75%** of Revenue





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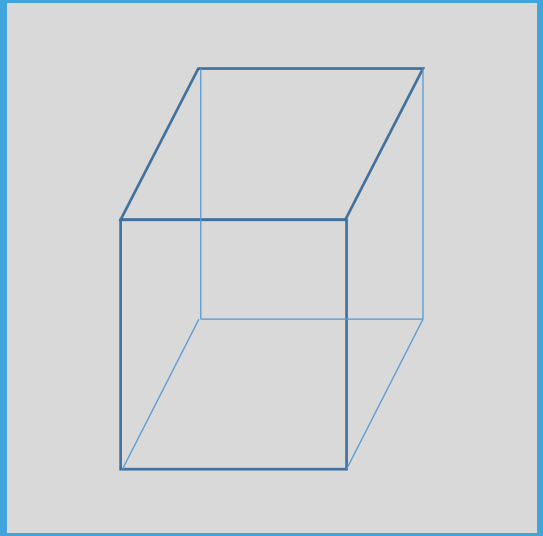
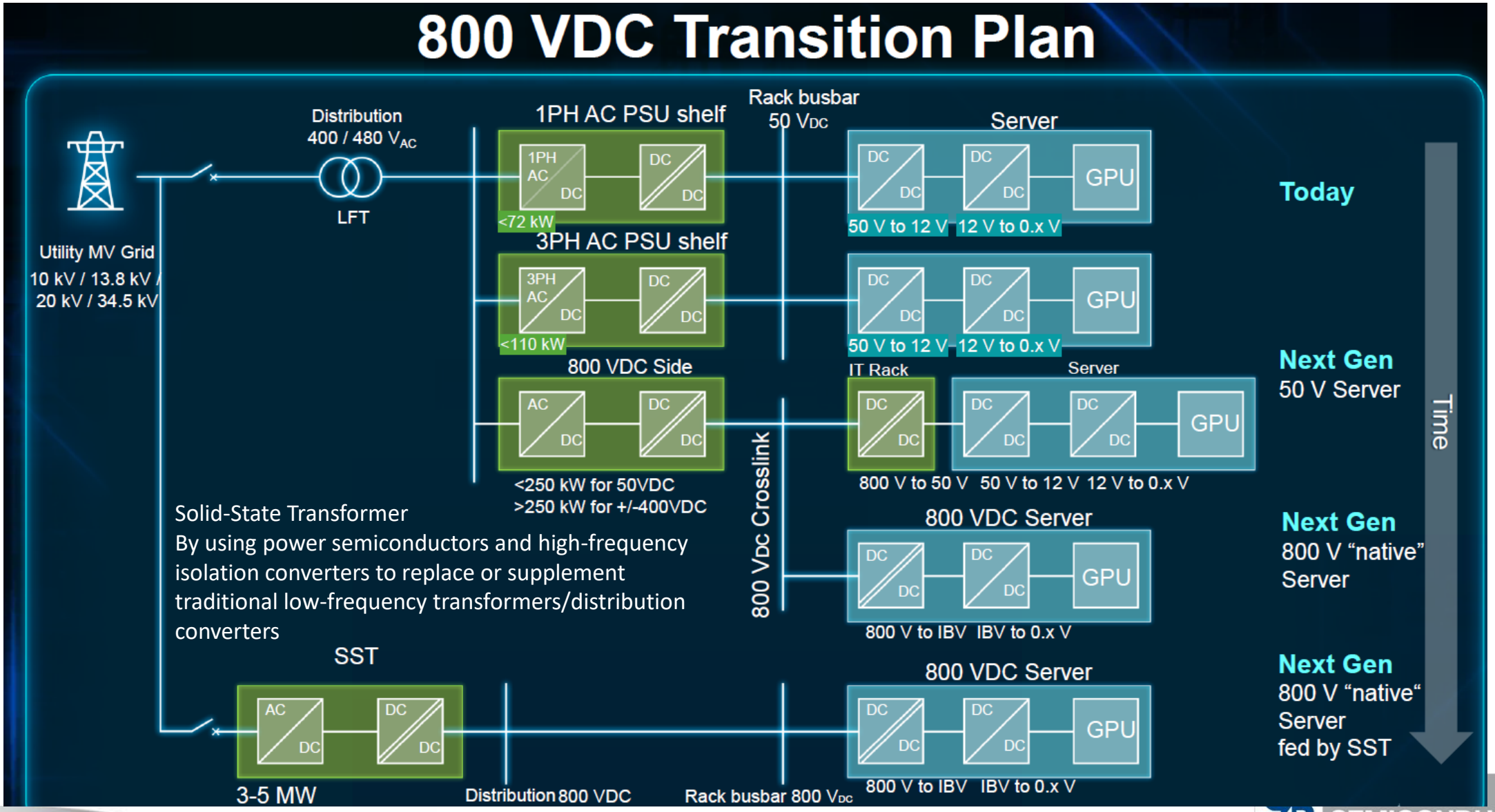
Supplement

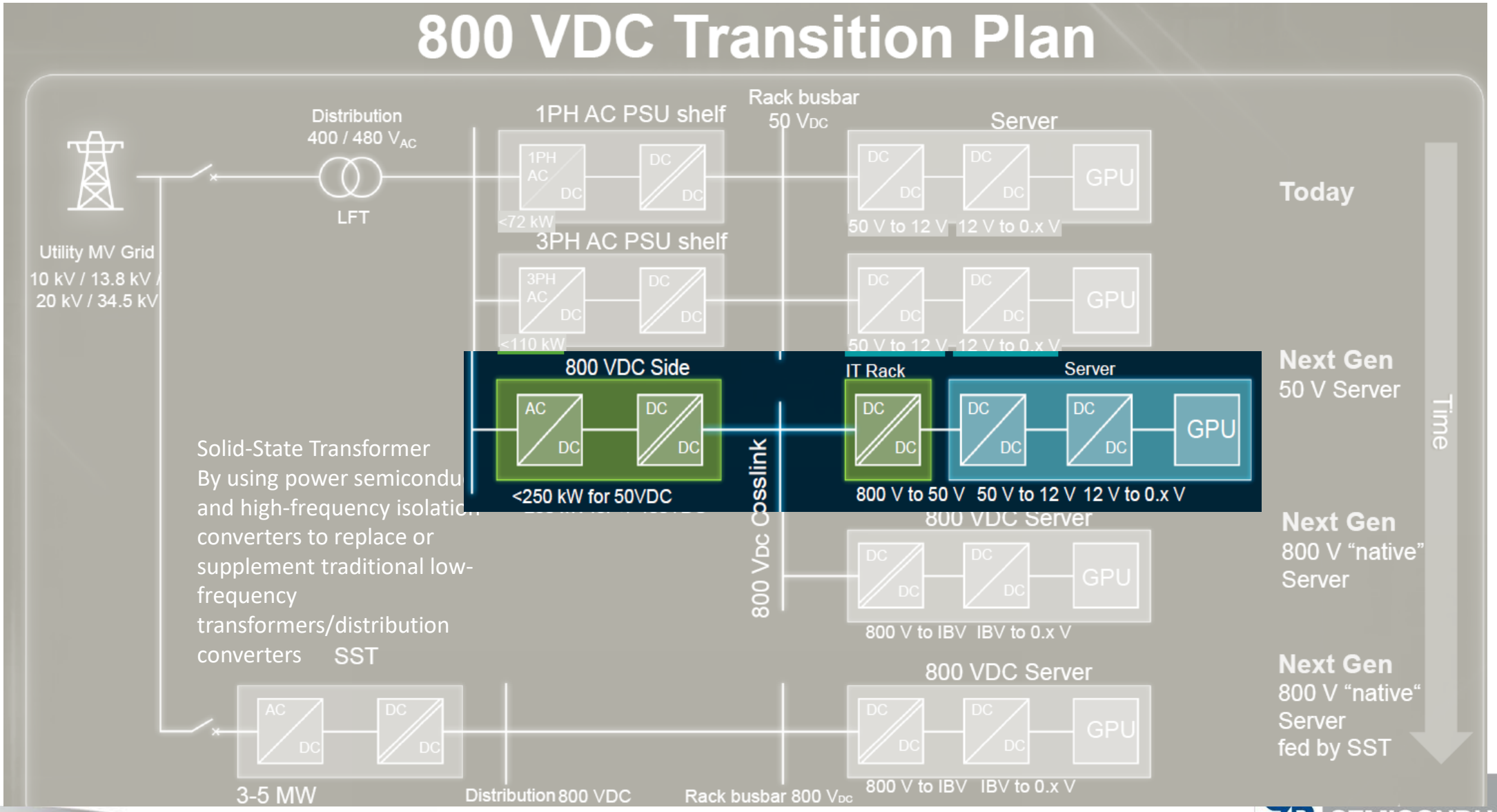


800V HVDC TRANSITION PLAN

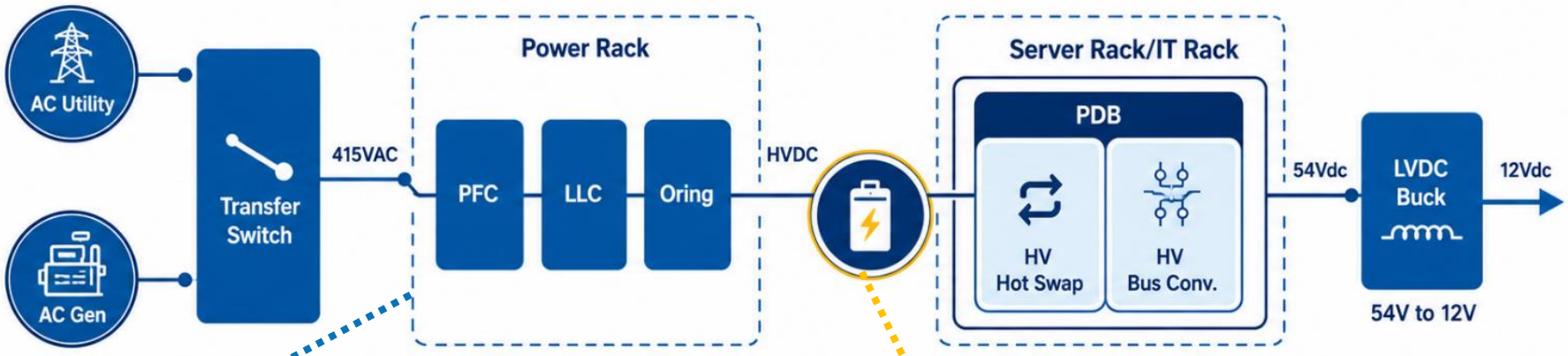


SEMICONDUCTOR

POWER RACK AND BBU(DC/DC)



POWER RACK AND BBU(DC/DC)

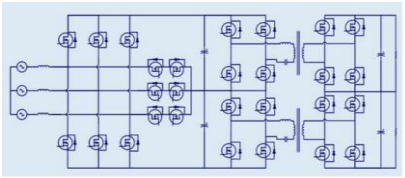


Power Rack (3Φ380VAC~480VAC→AC/DC(+/-400VDC or 800VDC))

SiC

Vienna or T-type PFC
- *400V-SiC MOSFET: 650V/23mΩ/H-PDSO-F8(9.9mmx11.68mm) $3.8 and 1200V/40mΩ/D2PAK-7 $4.8
- *800V-SiC MOSFET: 1200V/20mΩ/D2PAK-7 $5.8 and 1200V/12mΩ/D2PAK-7 $6.2

3 phase LLC
- *400V-SiC MOSFET: 1200V/30mΩ/D2PAK-7 $5.2
- *800V-SiC MOSFET: 1200V/12mΩ/D2PAK-7 $6.2



Bootstrap:
*1200V-SiC Schottky:1200V/1~2A/SMB,SOD-128 $0.03

SR:
- *400V-SiC MOSFET: 650V/45mΩ/DFN88 $3.5
- *800V-SiC MOSFET: 1200V/12mΩ/D2PAK-7 $6.2

Oring:
- *400V and 800V- SiC MOSFET: 750V/7mΩ/H-PDSO-F8(9.9mmx11.68mm) $5.5

Standby Power:
- *400V Primary Side: 650V/25mΩ/TOLL GaN MOSFET
- *400V Secondary Side: 80V/1.9mΩ/DFN56 $0.65

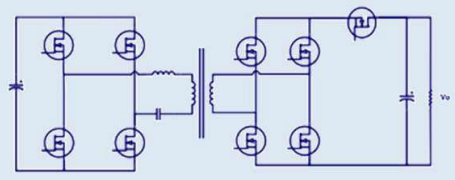
TSC opportunity

HV BBU Rack (+/-400VDC or 800VDC→ 48VDC~54VDC)

SJ GaN

BMS
- *C/DFET: SJ 650V/18mΩ/TOLL

DC/DC
- *LLC: GaN 100V
- *SR: GaN 100V



BBU=BMS**(Next page)**+DC/DC, DC/DC used GaN MOSFET to design

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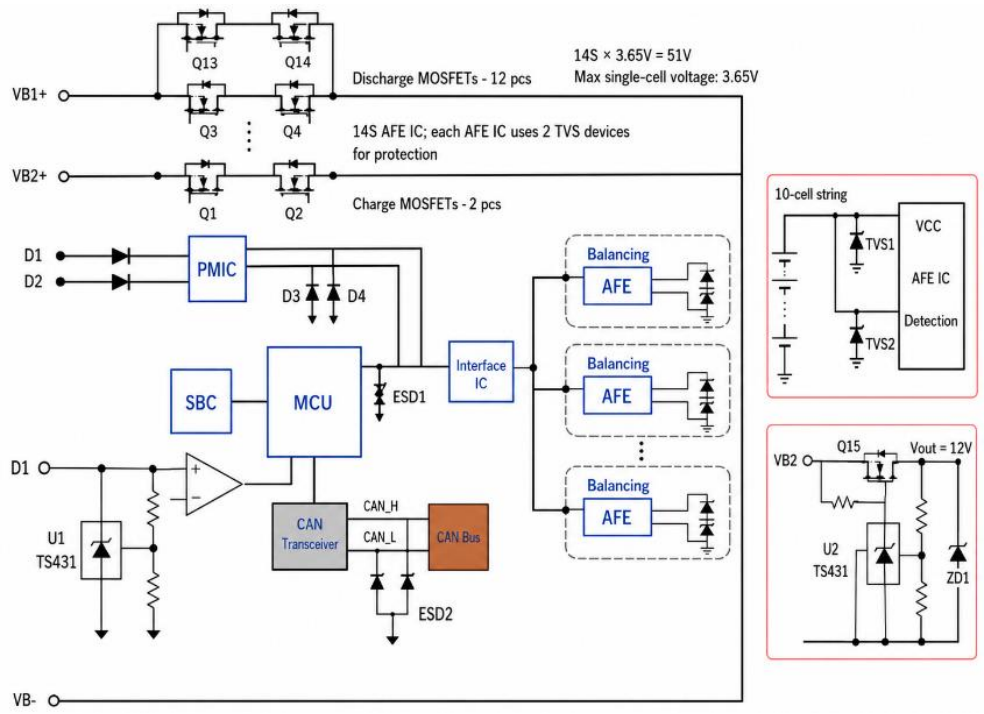
TSC AVAILABLE FOR OF BBU(BMS)



TSC opportunity are TVS and ESD

Q1-Q4（ NMOS*14PCS ）：
INFINEON IPT65R018CM8（ 650V 134A 18mΩ Toll ）
TSC NMOS: NA

TVS1-TVS2（ *28PCS)：
400W 85V SMA-Uni
TSC : SMAJ85A $0.03

D3&D4(SKY*2PCS ）：
TSC ：TSSE3U60 $0.05

ESD1: (*8PCS)
ESD /5V/ SOD323
TSC ： TESDL5V0B45P1M3 $0.028

U1-U2（ *2PCS)：
TL431 2.5V SOT-23
TSC : TS431BCX $0.04

ESD2：(Can Bus ESD*2PCS)
ESD 24V SOT-23
TSC：TESD24VS2BT(24V SOT-23) $0.05

ESD1：(*7PCS)
ESD /3.3V/ SOD323
TSC： NA

Q15（ Linear regulator NMOS*1PCS ）：
INFINEON IPD70R600P7S（ 700V 8.5A 0.6Ω DPAK ）
TSC NMOS: NA

ZD1(Zener*1PCS ）：
12V 0.5W SOD-123F
TSC：BZT52C12 $0.02

ESD1：(*6PCS)
ESD /15V/ SOD323
TSC： NA

D1&D2(SKY*2PCS ）：
SKY 100V 1A SOD-123
TSC：SS110LW（ 100V 1A SOD-123W ）$0.05

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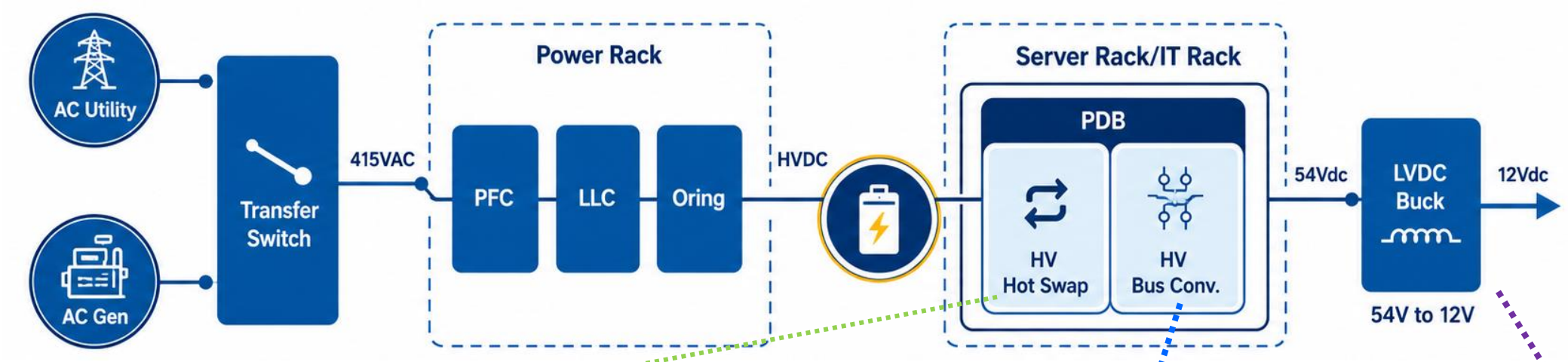
HV HOT SWAP / BUS CONVERTER / LVDC BUCK



HV HOT SWAP (+/-400VDC or 800VDC)

SiC | SJ

Compute Tray

*400V-SiC 650V/10mΩ~15mΩ/TO247/TOLL $5.8

*800V-SiC

1200V/10mΩ~30mΩ/TO-247/TOLL $6.2

Switch Tray

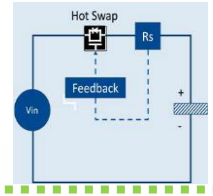
*400V-HVSJ: 600V/35mΩ/TOLL $3.5

* 800V-SiC

1200V/10mΩ~30mΩ/TO-247/TOLL $6.2

**Switch Mode: IFX/TI

**Linear Mode: ADI/MPS



HVDC Bus Conv.(+/-400VDC or 800VDC → 48VDC~54VDC)

GaN | SGT

Power Shelf (400V to 54V)

1'ST *400V-GaN 650V/30mΩ/TOLL

2'ND*400V-SGT

80V/1.9mΩ/DFN56 $0.65

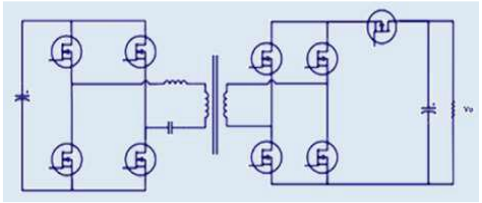
Power Shelf (800V to 54V)

1'ST *800V-

SiC 1200V/10mΩ/TOLL $6.2

2'ND*800V-

SGT 80V/1.9mΩ/DFN56 $0.65



LVDC Buck (48VDC~54VDC → 12VDC)

SGT

Brick Power

*Prim Side / High / Mid Side:

80V/2mΩ~4.6mΩ/DFN3x3SDCG

(Source down center gate package)

*Secondary Side / Low Side:

40V/1.35mΩ/DFN3x3SDCG

(Source down center gate package)

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Q & A

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