Market Strategy

- Focus on growth market segments and align with technology strength

Industrial

Power Supply

AI

Computing

Telecom

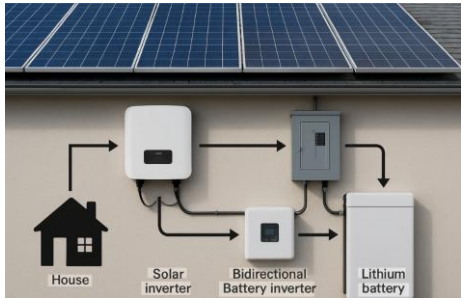
I P A C T

Focusing Applications

1. Industrial Power (AI datacenter or enterprise server power)
2. Green Energy & Energy Storage System
3. Factory Automation & Robotics & Forklift
4. Power Tools & Gardening Tools
5. High-end Consumer applications
6. Legacy Consumer applications
7. Legacy Industrial applications (lighting)
8. Legacy mobile applications

Focused and Prioritized *(performance-driven applications)*

Not walk away, but lower priority *(Price-driven applications)*



AI Computing Market

MAR 2026

BUILT TO WIN

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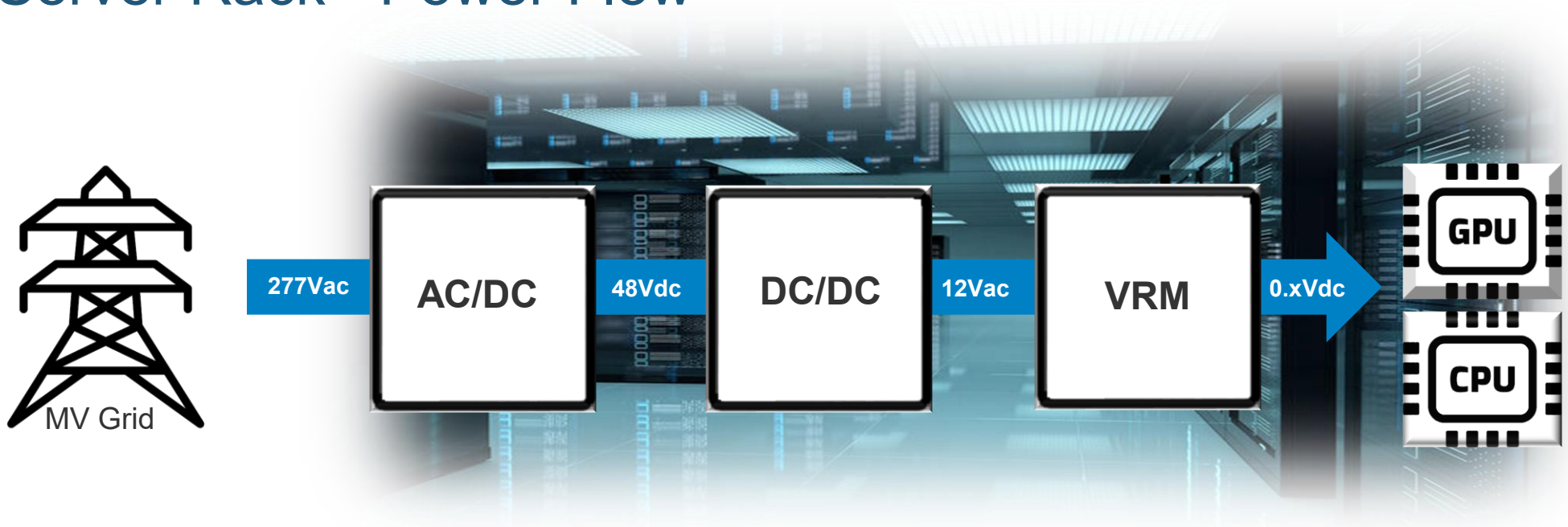
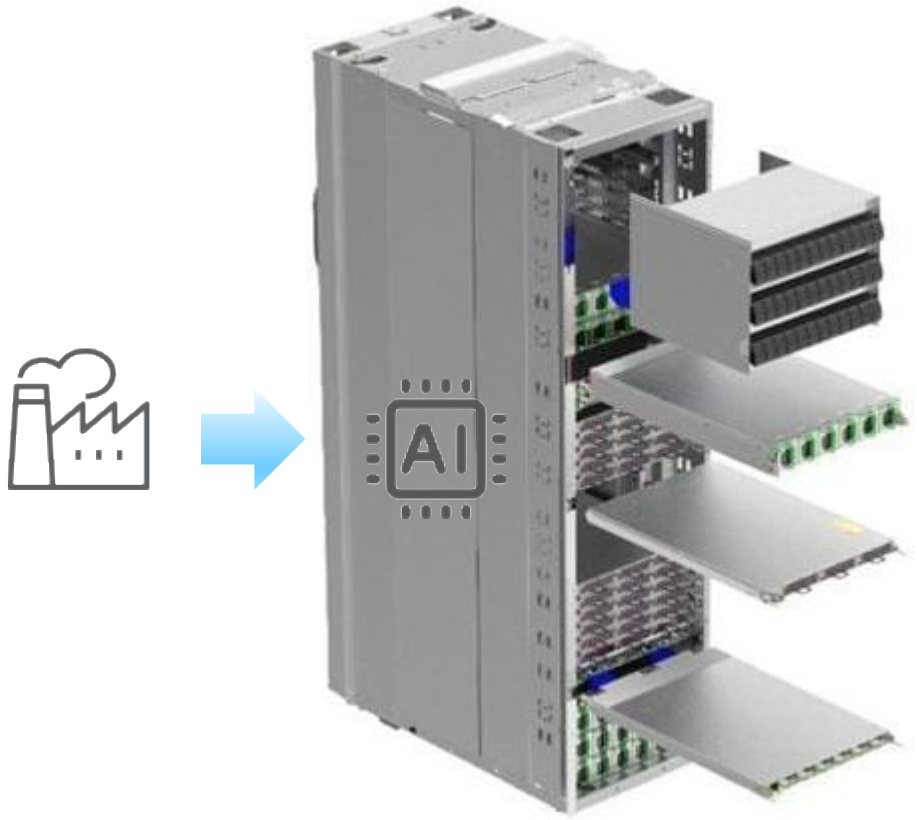
AMERICAS SALES CONFERENCE

AI Server Rack - Power Flow



AI Server Rack



PSU
(x36 PSU / Rack)
→ HVM – Superjunction 4
LVM – Gen V

BBU/PCS
(x36 BBU / Rack)
→ LVM – Gen V

Computing Tray
(x18 Computing Tray / Rack)
→ LVM – Gen IV / V

Switch Tray
(x9 Switch Tray / Rack)
→ LVM – Gen IV / V

* PSU : Power Supply Unit
* BBU : Battery Backup Unit
* PCS : Power Capacitor Shelf

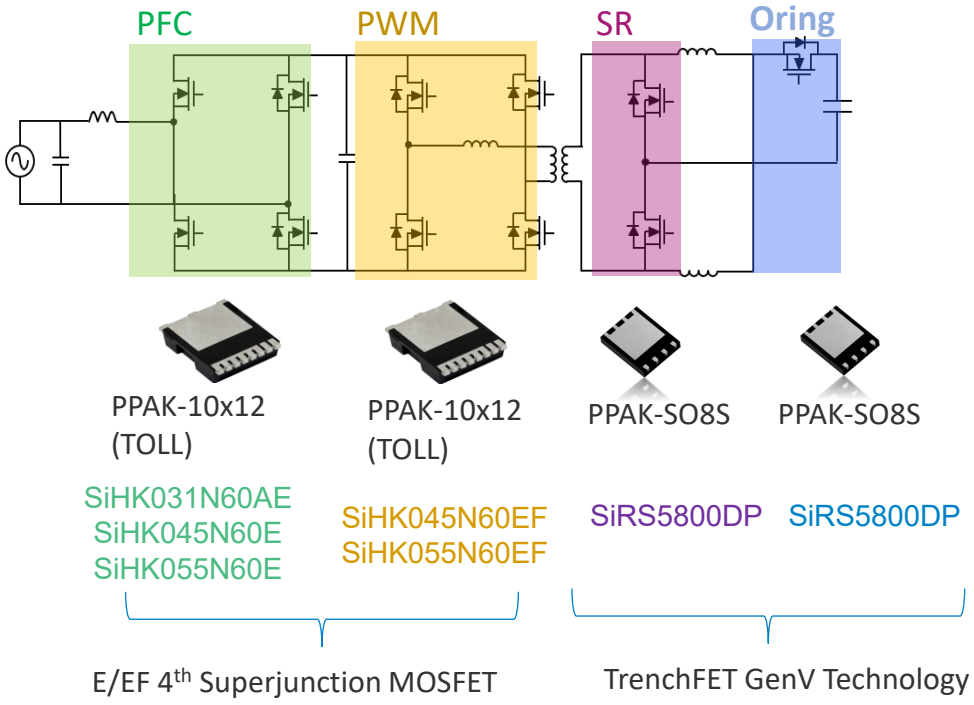
Vishay MOSFETs in PSU

Product Features

- E/EF Series 4th Superjunction MOSFET
  - 600V / 40mΩ ~ 55mΩ / PPAK-10x12(TOLL)
  - Industrial low Rds(on) x Qg FOM
  - Robustness body diode for hard-switching
  - Low Co(er) for soft-switching application
- TrenchFET Gen V Technology
  - 80V / 1.8mΩ / PPAK-SO8S(5x6)
  - Extremely low Rds(on) for high power/density requirement
  - Industrial low Rds(on) x Qg FOM
  - Lower thermal resistance package to enhance power dissipation

Target Customers

- Delta, FlexPower, Liteon



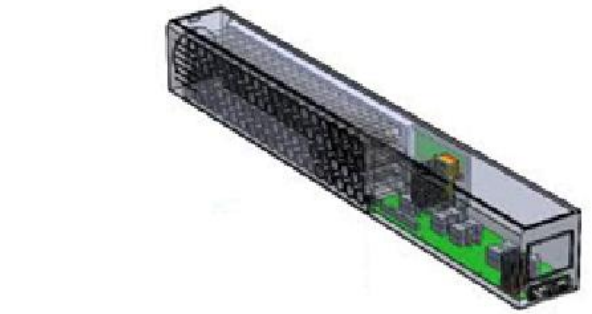
Vishay MOSFETs in BBU/PCS

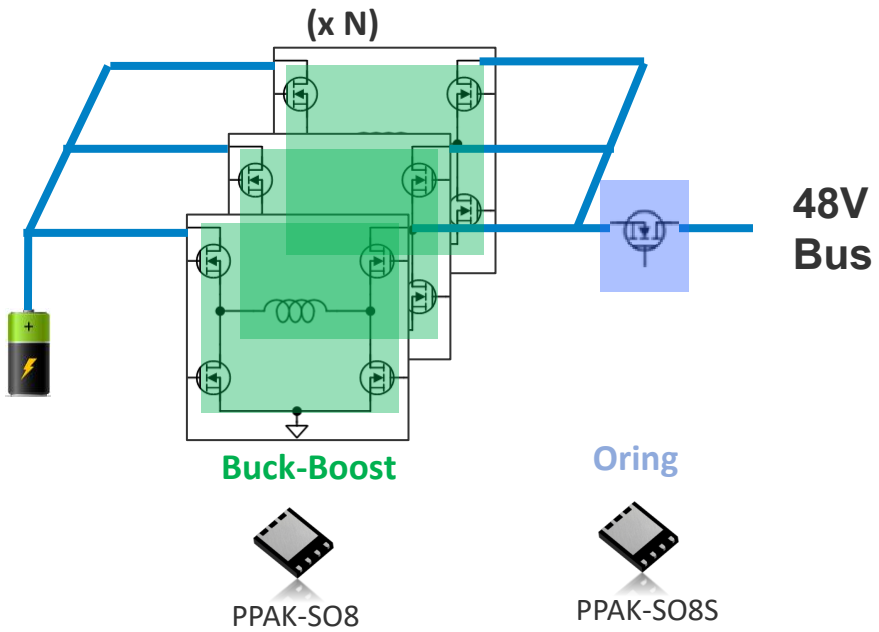
Product Features

- TrenchFET Gen V Technology
  - 80V & 100V / PPAK-SO8S(5x6)
  - Extremely low Rds(on) for high power/density requirement
  - Industrial low Rds(on) x Qg FOM
  - Lower thermal resistance package to enhance power dissipation

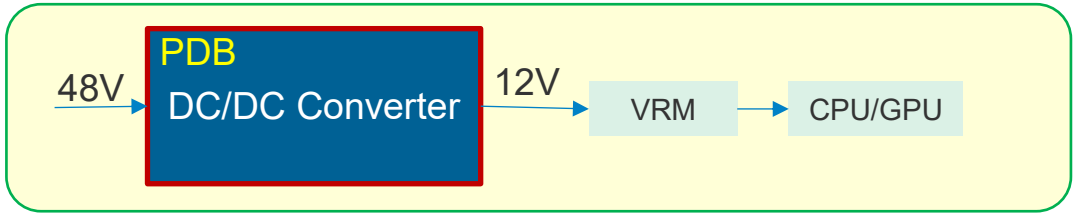
Target Customers

- Delta, FlexPower, Liteon

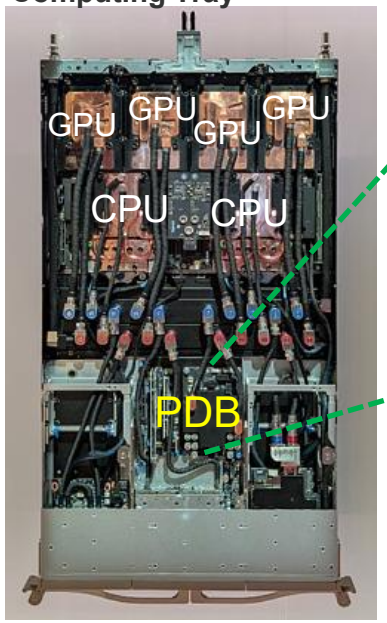




Vishay MOSFETs in Computing Tray



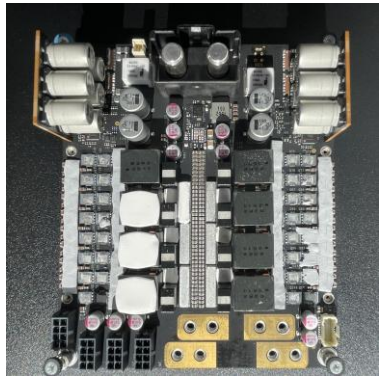
Computing Tray



* PDB : Power Deliver Board

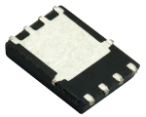
Brick/Customized Module solution
with Isolated/non-isolated DC/DC Topologies

Onboard discrete solution
with non-isolated DC/DC Topologies



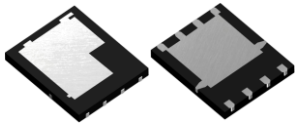
Multiple Package solutions :

- Low thermal resistance
- Compact and common
- Source down option
- Top cooling for heat dissipation



PowerPAK SO-8
(5x6)

PowerPAK 1212F
(3x3 / Source Down)



PowerPAK SO-8DC
(5x6 / Dual Cool)

Vishay MOSFETs in Computing Tray

Product Features

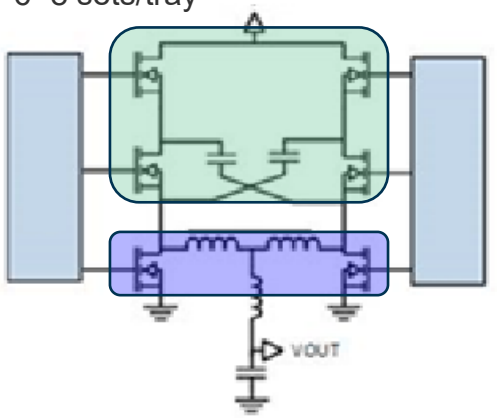
- TrenchFET Gen IV / V Technology
  - Extremely low Rds(on) for high power/density requirement
  - Very low Qg/Coss for switching performance
  - Dual cooling package support dual side thermal dissipation
  - Performed a best performance

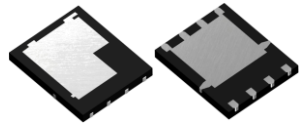
Target Customers

- CSP : Google, Meta, AWS, Microsoft
- OEM : Zion (Nvidia), Dell, Lenovo
- Module : Delta, MPS, Vicor, TDK-Lambda, Artesyn

Brick/Customized Module solution
& Onboard Discrete solution

HSCC(Hybrid Switching Capacitor Converter)
* 6~8 sets/tray

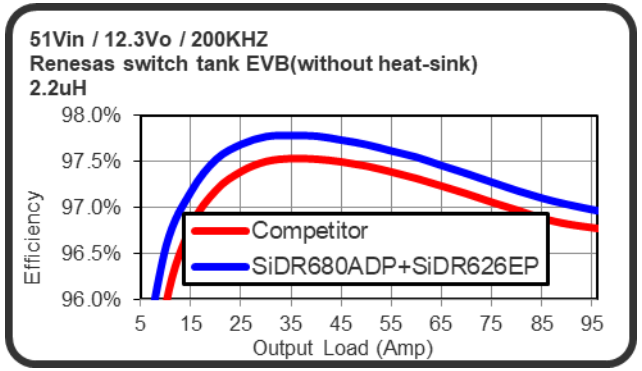




PowerPAK SO-8DC
(5x6 / Dual Cool)

80V / SiDR680ADP
80V/ SiDR5802EP

60V/ SiDR626EP



Vishay MOSFETs in Switch Tray

Product Features

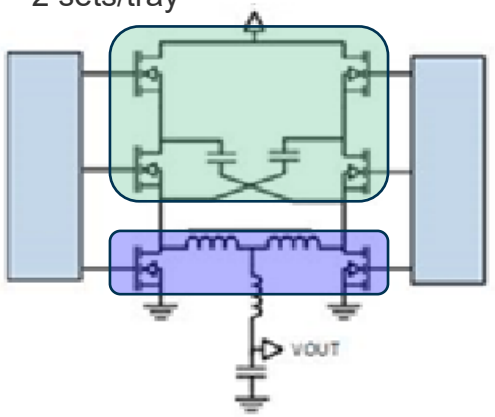
- TrenchFET Gen IV / V Technology
  - Extremely low Rds(on) for high power/density requirement
  - Very low Qg/Coss for switching performance
  - Dual cooling package support dual side thermal dissipation
  - Performed a best performance

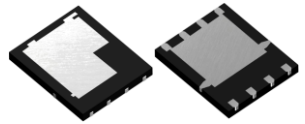
Target Customers

- CSP : Google, Meta, AWS, Microsoft
- OEM : Zion (Nvidia)

Onboard Discrete solution

HSCC(Hybrid Switching Capacitor Converter)
* 2 sets/tray

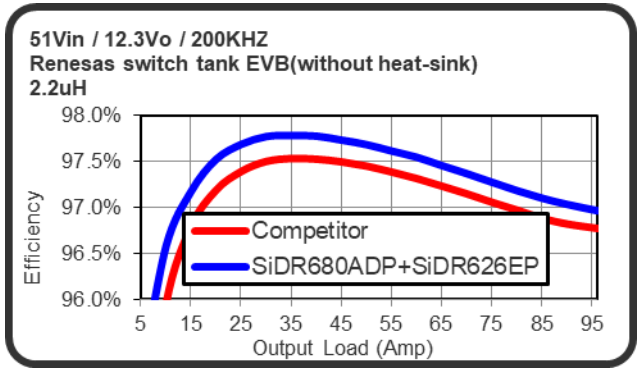




PowerPAK SO-8DC
(5x6 / Dual Cool)

80V / SiDR680ADP
80V/ SiDR5802EP

60V/ SiDR626EP



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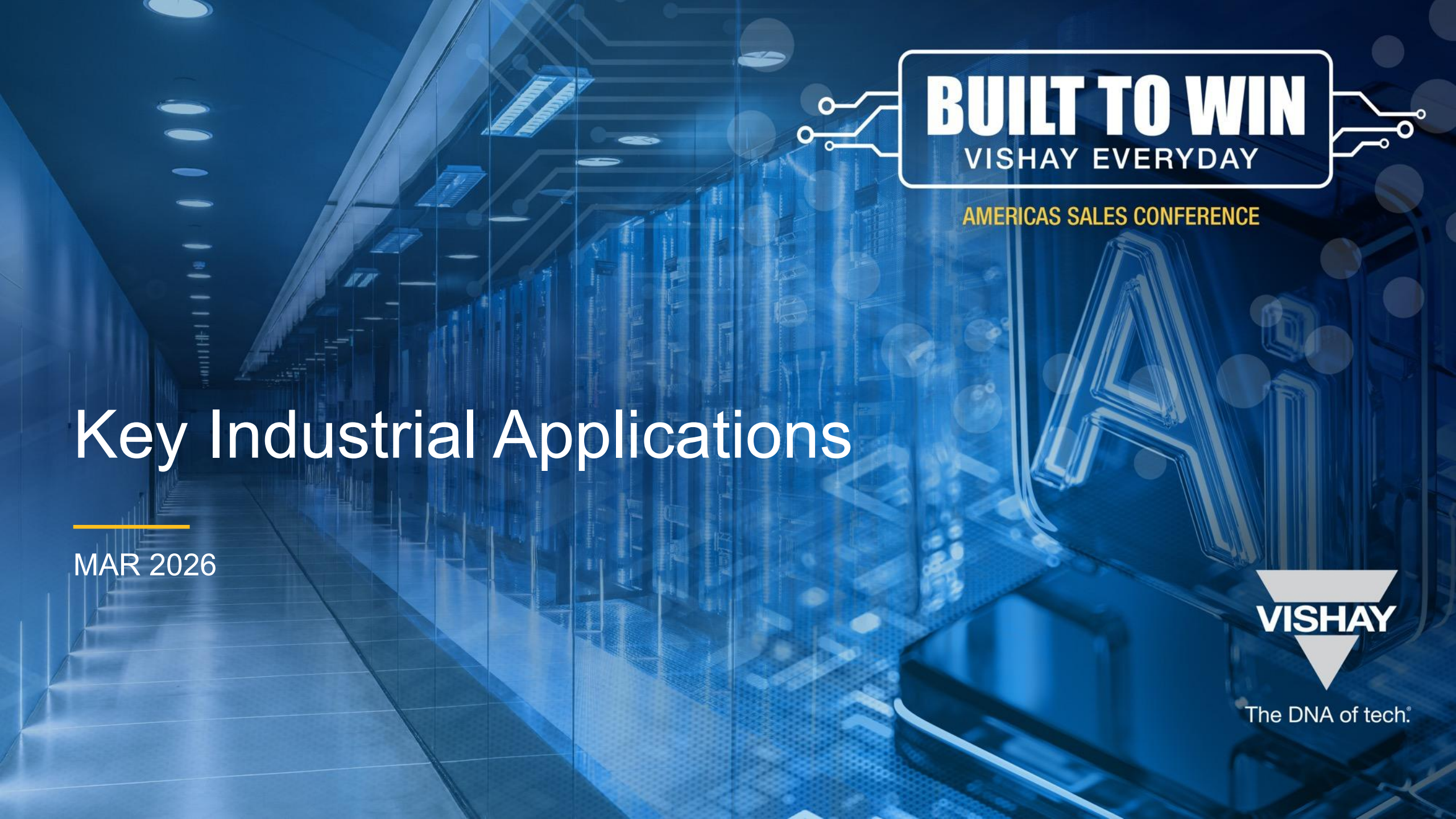
VISHAY EVERYDAY

AMERICAS SALES CONFERENCE

WebLink :

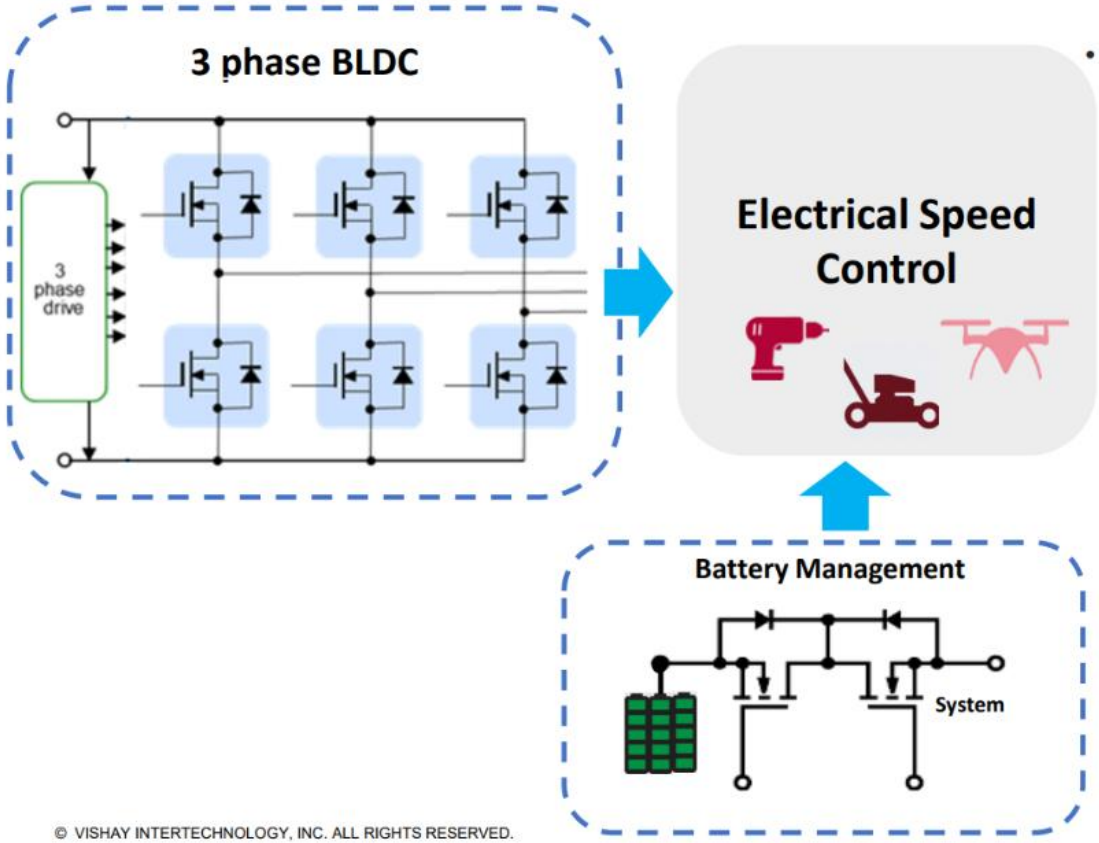
MOSFET Selection Guide for AI Power Solution



Key Industrial Applications

MAR 2026

Vishay MOSFETs for Motor Control and Battery Management



- **40V N Channel, Standard Level**

PowerPAK10x12
SiJK140E
PowerPAK8x8L
SiJH400E
PowerPAKSO-8 Series
SIR5402DP
SiR5404DP
SiR5406DP
SiR5408DP

- **80V N Channel, Standard Level**

PowerPAK8x8L
SiJH5800E
PowerPAKSO-8 Series
SIRS5800DP
SiDR5802EP
SiR580DP

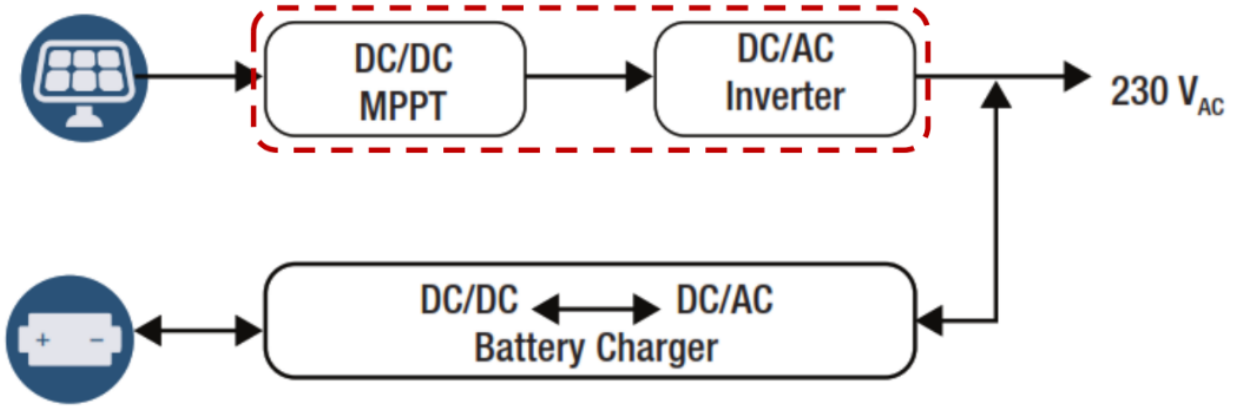
- **60V N Channel, Standard Level**

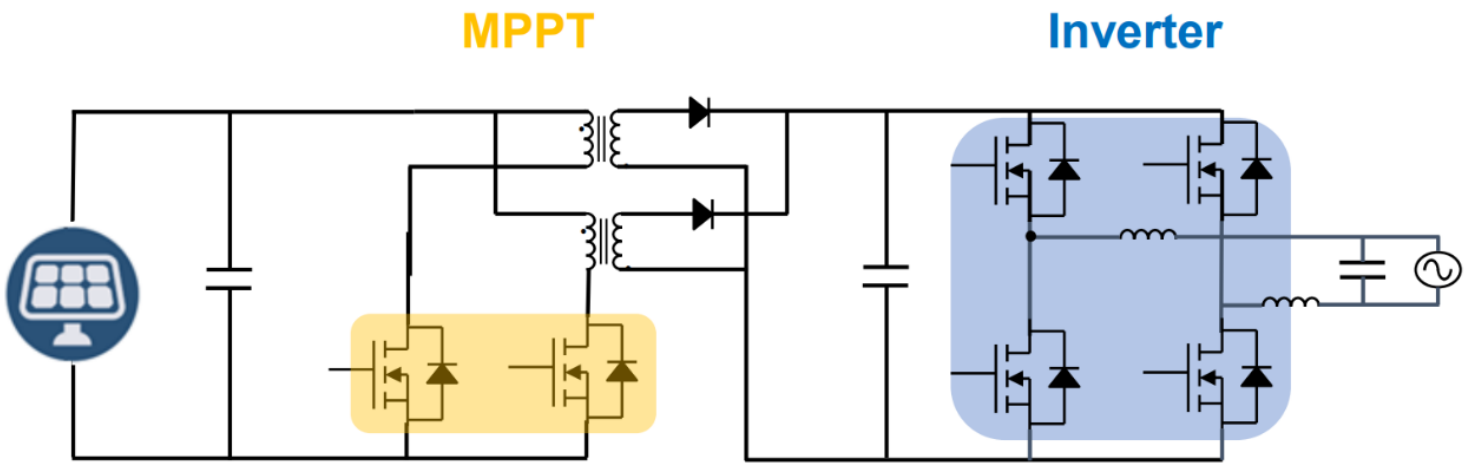
PowerPAK8x8L
SiJH600E
PowerPAKSO-8 Series
SIRS4600DP
SiDR626EP
SiR626DP

- **60V N Channel, Standard Level**

PowerPAK10x12
SiJK5100E
PowerPAK8x8L
SiJK5100E
PowerPAKSO-8 Series
SIR5100DP
SiDR510EP
SiR510DP

Block Diagram – Micro Inverter





MPPT

60 V to 150 V PowerPAKSO-8S MOSFETs

- SiRS5700DP: 150V / 5.6 mΩ
- SiRS5100DP: 100 V / 2.5 mΩ
- SiRS5800DP: 80V / 1.8 mΩ
- SiRS4600DP: 60V / 1.15 mΩ

60 V to 150 V PowerPAKSO-8DC MOSFETs

- SiDR570EP: 150V / 7.9 mΩ
- SiDR510EP: 100 V / 4.2 mΩ
- SiDR5802EP: 80V / 2.9mΩ
- SiDR626EP: 60V / 1.74 mΩ

60 V to 150 V PowerPAKSO-8 MOSFETs

- SiR570DP: 150V / 7.9 mΩ
- SiR510DP: 100 V / 4.2 mΩ
- SiR580DP: 80V / 2.7mΩ
- SiR626DP: 60V / 1.7 mΩ

Inverter

600 V SJ EF Series MOSFETs

- PowerPAK® 8 x 8LR
  - SiHR085N60EF: 600 V / 84 mΩ
  - SiHR100N60EF: 600 V / 108 mΩ

- PowerPAK® 10x12
  - SiHK075N60EF: 600 V / 71 mΩ
  - SiHK085N60EF: 600 V / 85 mΩ
  - SiHK105N60EF: 600V /105 mΩ

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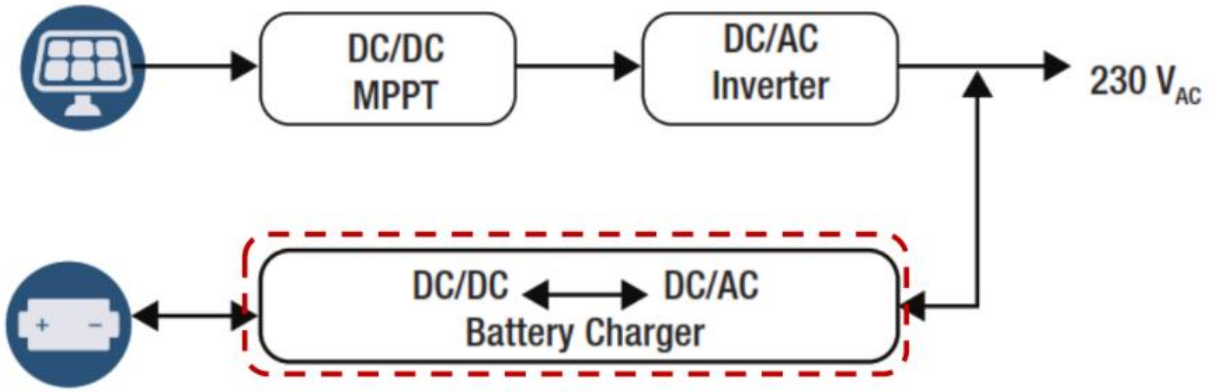
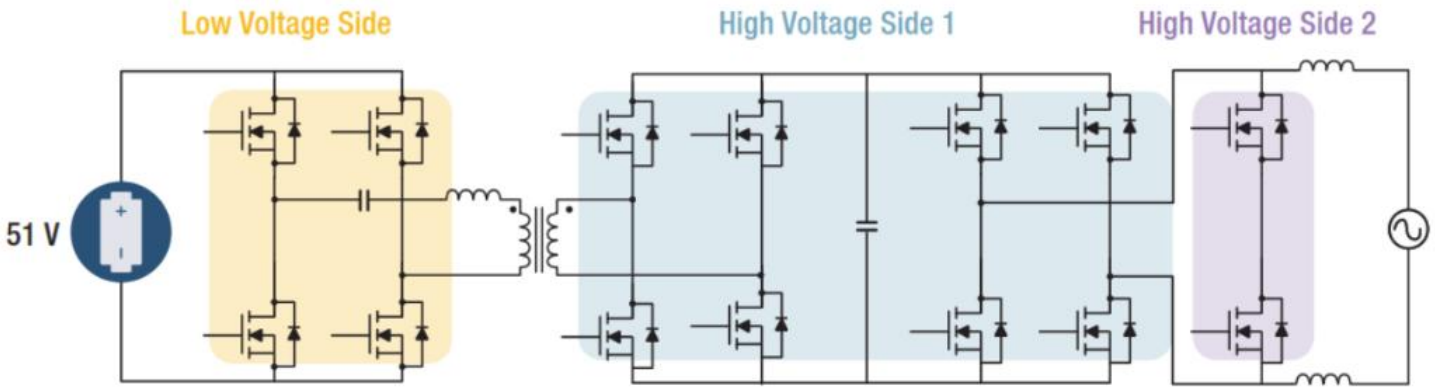
Block Diagram – Battery Charger





Low Voltage Side – Gen V 100 V to 150 V MOSFETs

- Ideal combination of $R_{DS(ON)}$, Q_g, and C_{oss}
  - SiRS5100DP: 100 V / 2.5 mΩ
  - SiRS5700DP: 150V / 5.6 mΩ
  - SiDR51XEP:100 V / 3.0 mΩ - 3.4 mΩ
  - SiDR57XEP:150 V / 7.9 mΩ - 8.8 mΩ
  - SiR51xDP: 100 V / 3 mΩ - 8 mΩ
  - SiR57xDP: 150 V / 8 mΩ - 16 mΩ

High Voltage Side 1 – 600 V SJ EF Series MOSFETs

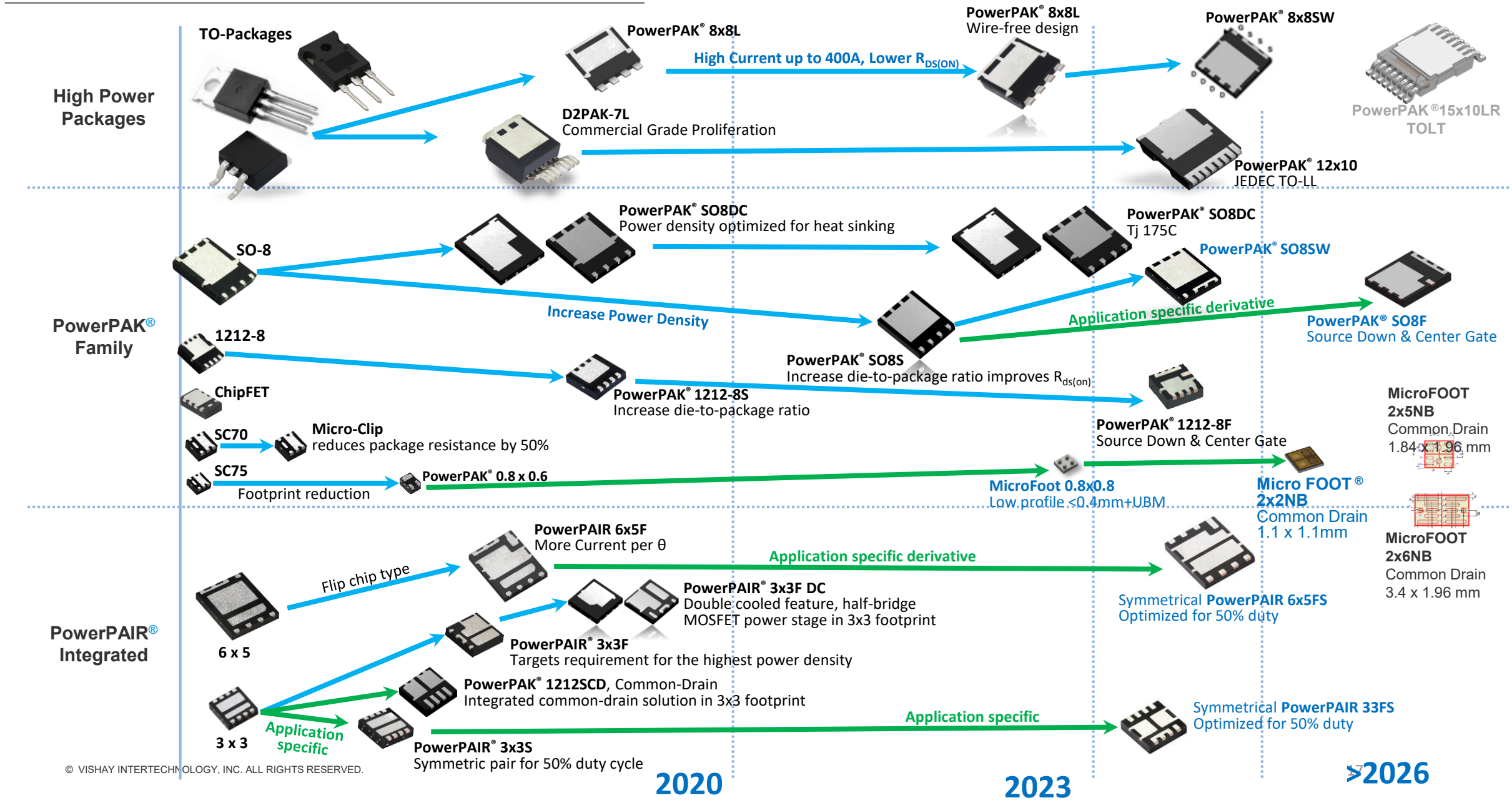
- PowerPAK® 10x12
  - SiHK045N60EF: 600 V / 52 mΩ
  - SiHK055N60EF: 600 V / 58 mΩ
  - SiHK075N60EF: 600 V / 71 mΩ
  - SiHK085N60EF: 600 V / 85 mΩ

High Voltage Side 2 – 600 V SJ E Series MOSFETs

- PowerPAK® 10x12
  - SiHK045N60E: 600 V / 49 mΩ
  - SiHK055N60E: 600 V / 56 mΩ
  - SiHK065N60E: 600 V / 67 mΩ
  - SiHK075N60E: 600 V / 80 mΩ

New Product Introduction

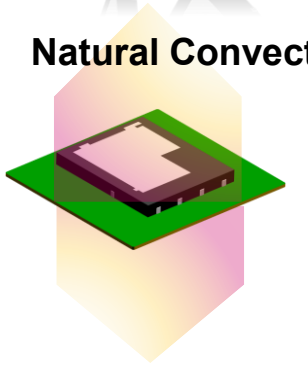
MOSFET PACKAGE ROADMAP



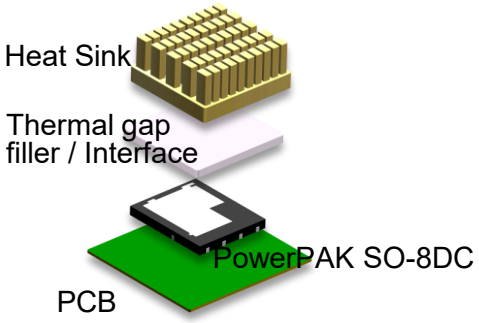
PORTFOLIO OF POWERPAK SO-8DC

- Low On-resistance
- Excellent R_{DS}-Q_g and R_{DS}-Q_{oss} for switch-mode power supply designs
- High-performance products that improve efficiency of power conversion and increase power density
- Board Level Reliability(BLR) meet IPC-9701A requirement
- **SiDRXXXEP - 175 ˚C junction temperature – with "EP"**

Natural Convection



Heat Sink Mounting



Part Number	V_{DS} (V)	V_{GS} (V)	rDS(on) @ 10 V (Ohms)	rDS(on) @ 4.5 V (Ohms)	Q_g (nC)		Q_{gs} (nC)	Q_{gd} (nC)	Status
			Max.	Max.	10V	4.5V			
SiDR220EP	25	16, -12	0.58	0.82	134	60.5	24.5	9.1	RLS
SiDR500EP	30	16, -12	0.47	0.68	120	54.3	25.6	8.7	RLS
SiDR402EP	40	20, -16	0.88	1.16	136	63	30.5	10.6	RLS
SiDR608EP	45	20, -16	1.2	1.8	111	50.5	26	7.8	RLS
SiDR4600EPF	60	±20	1.1						In Dev.
SiDR4612LEP	60	±20	1.35		110		21	18.5	Sampling now
SiDR626LEP	60	±20	1.5	2.1	89	41	17	11	RLS
SiDR626EP	60	±20	1.7		68		25	7.4	RLS
SiDR680ADP	80	±20	2.88	-	54	-	17.5	11.4	RLS
SiDR5802EP	80	±20	2.9		37.2		16.5	32	RLS
SiDR5816EP	80	±20	2.18		46		14.4	4.0	Sampling in Q1,26
SiDR5818EP	80	±20	2.56		38.6		12	3.3	Sampling in Q2,26
SiDR510EP	100	±20	3.6		54		23.3	9	RLS
SiDR5102EP	100	±20	4.1		33.7		15.7	1.7	RLS
SiDR104AEP	100	±20	6.1	-	46.1	-	15.4	7.1	RLS
SiDR570EP	150	±20	7.9	-	46.9	-	18.1	4.2	RLS
SiDR578EP	150	±20	8.8	-	32.5	-	15.3	3.1	RLS
SiDR610EP	200	±20	31.9	-	25	-	6.4	6.8	RLS

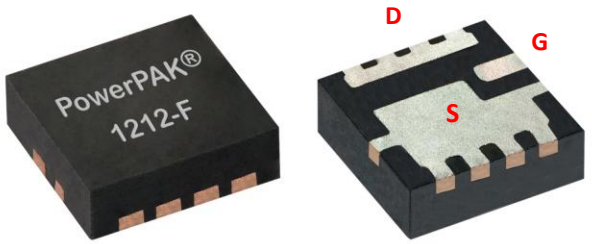
PowerPAK1212-F (Source Down/Center Gate)

Features

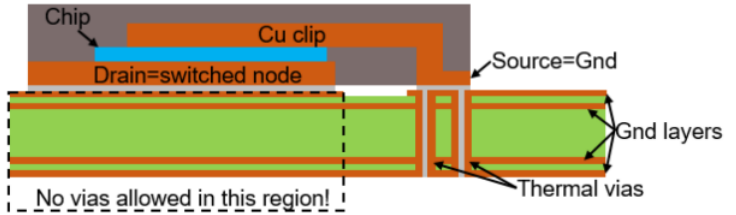
- Source Flip to Optimal Layout and Improve Therma Performance
- Center Gate Design Easy for MOSFET Parallel
- Gen V Technology Low Qg and $R_{ds(on)}$

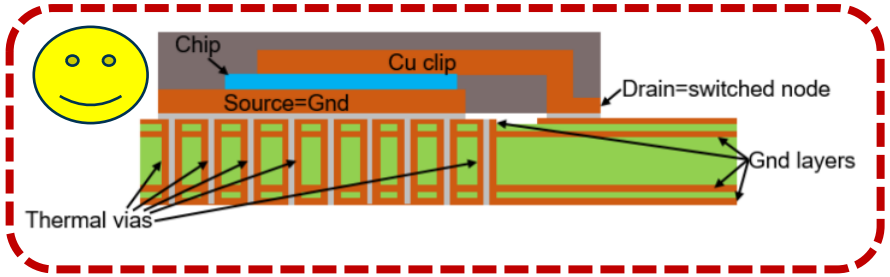
Target Applications

- Synchronous buck Converter
- DC/DC 2nd SR FET
- Oring FET and Hot swap switch
- Batter Management System
- Motor drive control



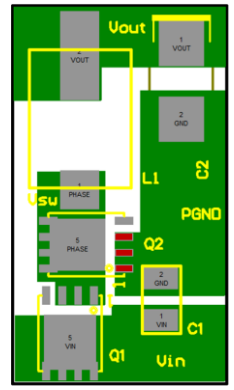
PowerPAK® 1212-8F (3x3mm²)



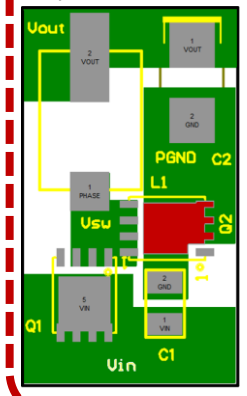


Package	V_{DS} (V)	Part Number	R_{DS}(on) @ 10V max (mΩ)	R_{DS}(on) @ 4.5V max(mΩ)	Qg @ 10 V (nC)	Qg @ 4.5V (nC)	Qgs (nC)	Qgd (nC)	Rg Typ. (Ω)	Status
PPAK1212-8F	30	SiSD5300DN	0.87	1.3	59	27	12	4.4	0.8	Released
	40	SiSD4402DN	2.07	3.1	50	23	11	4.1	0.9	Released
	60	SiSD4604DN	3.9		32.5		9.2	5.5	0.6	Released
		SiSD4604LDN	3.4	5.1	42	20	8.5	5.5	0.6	Released
	80	SiSD5806DN	6.9		22		8.8	1.8	0.45	Released
		SiSD5806LDN	TBD	TBD	TBD	TBD	TBD	TBD	TBD	Plan(GEN V LL)
	100	SiSD5110DN	9.5		19.3		8	1.2	0.84	Released
		SiSD4112LDN	12	14.5	40	18	8.3	3.8	0.6	Released

Standard FET : Layout & GND



Source Down FET : Layout & GND



Sales Guide

IPACT MOSFETs - AI Server Rack

Sales Cheat Sheet

FOCUS PRODUCTS

- LVM: TrenchFET Gen IV & V Technology in PowerPAK® SO-8DC (5x6/dual cooling) and PowerPAK® SO-8S packages
- HVM: Superjunction4 E/EF series in PowerPAK® 10x12(TOLL)

WHERE TO HUNT

Target Customers:

- CSP(Google, Meta, AWS, Microsoft)
- OEM(Zion, Dell, Lenovo)
- Power Supply(Delta, MPS, Vicor, TDK-Lambda, Artesyn)

Door Opener Questions:

- Do you require the advanced MOSFET package that significantly improves thermal performance?
- Are you looking for the advanced MOSFET package that maximizes thermal performance with the heat-sink attachment for air cooling or liquid cooling in AI Server?
- Do you need MOSFETs that deliver the highest performance to meet aggressive power-density requirements?

Target Applications:

- PSU : PFC, LLC, SSR, OringFET
- Computing Tray/Switching tray : 48Vin to 12Vout power conversion
- BBU/PCS : Buck/Boost and OringFET

HOW TO SELL

Lead With Thermal + Power Density

- Best-in-class products to achieve the lowest $R_{DS(on)}$ and lowest FOM (R_{DS} * Q_g) for AI server's high-performance requirements.

Position the Package Advantage

- Innovative double-sided cooling design to support for air cooling or liquid cooling market requirements
- Lower thermal resistance and a reduced package profile to enable higher power-density designs

HOW TO CLOSE : Advancing the opportunity

"Work closely with the right customer engineers using the right product solutions to secure 1st design-in"

- Engagement : FAE's technical support for topology/circuit discussions, product proposals, schematic/layout reviews, and debug/testing support
- Design Resource/tool : Infographic, Selection Guide, Calculation tool, Simulation Models, Sample bank
- Infographic www.vishay.com/en/landingpage/infographics/mosfets_sir680adp/
- Selection Guide: www.vishay.com/docs/47011/ai-mosfets.pdf
- MOSFET Selector Calculator: www.vishay.com/en/mosfets/calc-mosfet-selector/

IPACT MOSFETs - Industrial

Sales Cheat Sheet

FOCUS PRODUCTS

- LVM: TrenchFET Gen IV & V Technology in PowerPAK® SO-8DC (5x6/dual cooling) and PowerPAK® SO-8S packages
- HVM: Superjunction4 E/EF series in PowerPAK® 10x12(TOLL) and PowerPAK® 8x8/8x8LR(top cooling)

WHERE TO HUNT

Target Customers:

- Solar / Energy Storage: Enphase, Generac, Sol-Ark, Form Energy, Lunar Energy, Stored Energy
- Forklift / Factory Automation: Curtis Instrument, Amazon, Rockwell Automation, ABB
- Power Tool / Gardening equip: Milwaukee, DeWalt, Stanley & Becker, Ryobi, Deere & Company, Toro Robotics

Door Opener Questions:

- Do you require a high voltage Superjunction MOSFET to reduce the switching loss in soft-switching applications?
- Do you require a robust and reliable MOSFET for motor drive applications?

Target Applications :

- Energy Storage : AC/DC, DC/DC, DC/AC
- Industrial Lighting : AC/DC
- Motor Driving : 3ph BLDC and BMS for Power tool, Robotics, Automation

HOW TO SELL:

Lead with High Power + High Efficiency + High Power Density

- Best-in-class products delivering low $R_{DS(on)}$ and low effective capacitance $C_{o(tr)}$ to meet high-performance requirements

Position the Package Advantage

- Superior thermal capability of the surface-mount packages
- Lower profile MOSFET package compared to D2PAK
- Supports the top cooling requirements to improve thermal dissipation

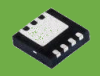
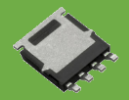
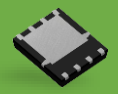
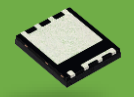
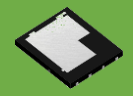
HOW TO CLOSE: Advancing the opportunity

"Work closely with the right customer engineers by the right product solutions for 1st design-in target."

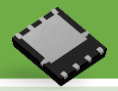
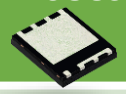
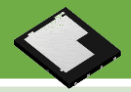
- Engagement : FAE's technical support for topology/circuit discussions, product proposals, schematic/layout reviews, and debug/testing support
- Design Resource/tool : Infographic, Selection Guide, Calculation tool, Simulation Models, Sample bank
- Infographic: www.vishay.com/en/landingpage/infographics/mosfets_powerpak_10x12_600V/
- Video: SJ MOSFETs (PowerPAK10×12)www.vishay.com/en/videos/mosfets/MOSFETs-Gen4-SuperJunction-MOSFETs-PowerPAK%C2%AE10x12Package/
- Industrial Toolbox:www.vishay.com/en/landingpage/et4/et4_ind/

Key Product Portfolio

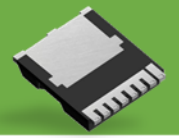
25V Product Portfolio

Rds(on)	PPAK 1212-8S	PPAK 1212-F	PPAK SO8L	PPAK SO8	PPAK SO8S	PPAK SO8SW	PPAK SO8DC
							
0.58mΩ							SIDR220EP-RE3
0.6mΩ				SIRA20DDP-UE3 SIRA20BDP-GE3			
0.67mΩ							SIDR140DP-GE3/RE3
0.76mΩ				SIRA22DP-T1-RE3			
1mΩ							
1.2mΩ	SISS02DN-GE3 SISS08DN-GE3			SIRA32DP-RE3			
1.4mΩ				SIRA24DP-GE3			
1.5mΩ	SISS28DN-GE3						
2.6mΩ				SIRA26DP-RE3			

30V Product Portfolio

Rds(on)	PPAK 1212-8S 	PPAK 1212-F 	PPAK SO8 	PPAK SO8S 	PPAK SO8SW 	PPAK SO8DC 
<0.5mΩ			SIR500DP-UE3 (0.47mΩ)	SIRS4300DP-RE3 (0.4mΩ)	SiRS5360EPW-UE3 (0.37mΩ) SiRS5364EPW-UE3 (0.47mΩ)	SIDR500EP-RE3 (0.47mΩ)
0.5mΩ			SIR532DP-UE3	SIRS4302DP-GE3		
0.6mΩ						SIDR392DP-GE3/RE3
0.8mΩ		SISD5300DN-GE3	SIRA80DP-RE3			SIDR390DP-GE3/RE3
1mΩ	SISS54DN-GE3	SiSD5302DN-GE3	SIRA60DDP-UE3			
1.2mΩ	SISS52DN-GE3/UE3	SiSD5304DN-GE3	SIRA62DDP-UE3			
1.3mΩ	SISS60DN-GE3					
1.4mΩ	SISS06DN-GE3 SISS66DN-GE3					
1.6mΩ	SISS4304DN-UE3					
2.2mΩ			SIRA06DDP-T1-UE3			
2.4mΩ	SISS64DN-GE3/UE3/BE3					
3.1mΩ			SIRA10DDP-T1-UE3			
3.6mΩ			SIRA12DDP-T1-UE3			
5.4mΩ			SIRA14DDP-T1-UE3			
6.8mΩ			SIRA18DDP-T1-UE3			

40V Product Portfolio

Rds(on)	PPSC-70	PPAK-1212/S/ST	PPAK-1212F	PPAK SO8/S/SW	PPAK SO8DC	PPAK-SO8F	PPAK 8x8L	D2PAK/-7	PPAK 10x12
									
0.5mΩ				SiRS5400EPW (0.52mΩ)			SiJH400E (0.52mΩ)		SiJK140E (0.47mΩ)
0.6mΩ				SiRS4400DP (0.69mΩ)			SiJH402E (0.65mΩ)		
0.8~1mΩ				SiR638ADP (0.88mΩ)	SiDR402DP/EP (0.88mΩ)		SiJH442E (0.96mΩ)	SUM40014M (0.99mΩ)	
1~2mΩ		SiSS12DN (1.98mΩ)	SiSD4402DN (2.07mΩ)	SiRA50ADP (1.04mΩ) SiRA52ADP (1.63mΩ)					
2~4mΩ		SiSS4402DN (2.2mΩ) SiSS10ADN /SiST10ADN (2.65mΩ) SiSA72ADN (3.25mΩ)		SiRA54ADP (2.2mΩ) SiRA58ADP (2.65mΩ) SiRA72DP (3.5mΩ)					
4~6mΩ		SiS4406DN (4.75mΩ)		SiRA74DP (4.2mΩ) SiR4406DP (4.75mΩ)					
6~15mΩ	SiA4446DJ (11mΩ) SiAA40DJ (12.5mΩ)	Si7116BDN (7.4mΩ) SiSS4410DN (9mΩ)							

Dev.(Gen4 , Gen4.5)

New Tech (Gen4, Gen4.5)

Legacy(Gen3)

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60V Product Portfolio

Rds(on)	PPSC-70	PPAK 1212/S/ST	PPAK 1212F	PPAK 1212FDC	PPAK SO8/S/SW	PPAK SO8DC	PPAK 8x8L	D2PAK	PPAK 10x12
0.9mΩ					SiRS4614EPW (0.98mΩ)	SiDR4600EPF (1.12mΩ)	SiJH600E (0.9mΩ) SiJH602E (0.92mΩ)		
1.2mΩ					SiRS4600DP (1.2mΩ)	SiDR4612LEP (1.4mΩ)			SiJK4610 (1.2mΩ)
1.5~2mΩ					SiR626ADP/LDP (1.75mΩ/1.5mΩ)	SiDR626EP/LDP (1.7mΩ/1.5mΩ)		SUM50010E/EL (1.75mΩ/1.73mΩ)	
2~3mΩ					SiR180ADP (2.2mΩ) SiR182DP/LDP (2.8mΩ/2.75mΩ)				
3~5mΩ		SiSS22DN/LDN (4mΩ/3.65mΩ) SiSS26DN/LDN SiST26LDN (4.5mΩ/4.3mΩ)	SiSD4604DN/LDN (3.4mΩ/3.9mΩ)		SiR188DP/LDP (3.85mΩ/33.75mΩ) SiR186DP/LDP (4.5mΩ/4.4mΩ)				
5~9mΩ		SiS184DN/LDN (5.8mΩ/5.4mΩ) SiSS/SiS862ADN (7.2mΩ)			SiR184DP/LDP (5.8mΩ/5.4mΩ) SiR4602LDP (8.8mΩ)				
9~13mΩ		SiS4604DN/LDN (9.5mΩ/8.9mΩ) SiS4608DN/LDN (11.8mΩ/11.5mΩ)			SiR4604DP/LDP (9.5mΩ/8.9mΩ) SiR4608DP/LDP (11.8mΩ/11.5mΩ)				
13~40mΩ	SiA106DJ (18.5mΩ) SiA4620DJ (21mΩ)	Si7120BDN (21mΩ) SiSS4634LDN (29mΩ)			SiR4606DP (18.5mΩ)				

Dev.(Gen4, Gen4.5)

New Tech (Gen4)

Plan

Legacy(Gen3)

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80V Product Portfolio

Rds(on)	PPAK 1212S	PPAK 1212F	PPAK 1212FDC	PPAK SO8/S/SW	PPAK SO8DC	PPAK 8x8L/SW	PPAK 10x12
1mΩ				SiRS5814EPW (1.5mΩ) SiRS5800DP (1.8mΩ)	SiDR5800EPF (1.7mΩ	SiEH4800EW (1.15mΩ) SiJH5800E (1.35mΩ)	SiJK5814E (0.92mΩ) SiJK4810 (1.8mΩ)
2mΩ				SiR5816DP (2.18mΩ) SiR5818DP (2.56mΩ) SiR580DP (2.7mΩ) SiR680ADP/LDP (2.88mΩ/2.8mΩ SiR5802DP (2.9mΩ)	SiDR5816EP (2.18mΩ) SiDR5818EP (2.56mΩ) SiDR680ADP (2.88mΩ) SiDR5802EP (2.9mΩ)		
3mΩ				SiR582DP (3.4mΩ)	SiDR582EP (3.4mΩ)		
4mΩ	SiSS584DN (5.3mΩ)	SiSD5804DN (5.3mΩ)	SiDF5800DN (4.5mΩ)	SiR584DP (3.9mΩ) SiR826LDP (5mΩ)			
6mΩ	SiSS586DN (6.6mΩ) SiSS32ADN/LDN (7.3mΩ/7.2mΩ)	SiSD5806DN (6.9mΩ)		SiR586DP (5.8mΩ) SiR880BDP (6.5mΩ)			
8mΩ	SiSS5808DN (7.46mΩ) SiSS588DN (8mΩ) SiSS30ADN/LDN (8.9mΩ/8.5mΩ)			SiR588DP (8mΩ) SiR5808DP (7.35mΩ) SiR122LDP (7.35mΩ)			
10mΩ	SiSS5810DN (10mΩ)			SiR5810DP (10mΩ)			
14mΩ	SiSS5812DN (13.5mΩ)			SiR5812DP (13.5mΩ)			

Dev.(Gen5)

New Tech (Gen4, Gen5)

Plan(Gen5)

Legacy(Gen3)

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100V Product Portfolio

Rds(on)	PPSC-70	PPAK 1212/S/ST	PPAK 1212F	PPAK 1212FDC	PPAK SO8/S/SW	PPAK SO8DC	PPAK 8x8L	D2PAK	PPAK 10x12
0.9mΩ					SiRS4614EPW (0.98mΩ)	SiDR4600EPF (1.12mΩ)	SiJH600E (0.9mΩ) SiJH602E (0.92mΩ)		
1.2mΩ					SiRS4600DP (1.2mΩ)	SiDR4612LEP (1.4mΩ)			SiJK4610 (1.2mΩ)
1.5~2mΩ					SiR626ADP/LDP (1.75mΩ/1.5mΩ)	SiDR626EP/LDP (1.7mΩ/1.5mΩ)		SUM50010E/EL (1.75mΩ/1.73mΩ)	
2~3mΩ					SiR180ADP (2.2mΩ) SiR182DP/LDP (2.8mΩ/2.75mΩ)				
3~5mΩ		SiSS22DN/LDN (4mΩ/3.65mΩ) SiSS26DN/LDN SiST26LDN (4.5mΩ/4.3mΩ)	SiSD4604DN/LDN (3.4mΩ/3.9mΩ)		SiR188DP/LDP (3.85mΩ/33.75mΩ) SiR186DP/LDP (4.5mΩ/4.4mΩ)				
5~9mΩ		SiS184DN/LDN (5.8mΩ/5.4mΩ) SiSS/SiS862ADN (7.2mΩ)			SiR184DP/LDP (5.8mΩ/5.4mΩ) SiR4602LDP (8.8mΩ)				
9~13mΩ		SiS4604DN/LDN (9.5mΩ/8.9mΩ) SiS4608DN/LDN (11.8mΩ/11.5mΩ)			SiR4604DP/LDP (9.5mΩ/8.9mΩ) SiR4608DP/LDP (11.8mΩ/11.5mΩ)				
13~40mΩ	SiA106DJ (18.5mΩ) SiA4620DJ (21mΩ)	Si7120BDN (21mΩ) SiSS4634LDN (29mΩ)			SiR4606DP (18.5mΩ)				

Dev.(Gen4, Gen4.5)

New Tech (Gen4)

Plan

Legacy(Gen3)

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125V Product Portfolio

Rds(on)	PPSC-70	PPAK 1212/S/ST	PPAK 1212F	PPAK 1212FDC	PPAK SO8/S/SW	PPAK SO8DC	PPAK 8x8L	D2PAK	PPAK 10x12
0.9mΩ					SiRS4614EPW (0.98mΩ)	SiDR4600EPF (1.12mΩ)	SiJH600E (0.9mΩ) SiJH602E (0.92mΩ)		
1.2mΩ					SiRS4600DP (1.2mΩ)	SiDR4612LEP (1.4mΩ)			SiJK4610 (1.2mΩ)
1.5~2mΩ					SiR626ADP/LDP (1.75mΩ/1.5mΩ)	SiDR626EP/LDP (1.7mΩ/1.5mΩ)		SUM50010E/EL (1.75mΩ/1.73mΩ)	
2~3mΩ					SiR180ADP (2.2mΩ) SiR182DP/LDP (2.8mΩ/2.75mΩ)				
3~5mΩ		SiSS22DN/LDN (4mΩ/3.65mΩ) SiSS26DN/LDN SiST26LDN (4.5mΩ/4.3mΩ)	SiSD4604DN/LDN (3.4mΩ/3.9mΩ)		SiR188DP/LDP (3.85mΩ/33.75mΩ) SiR186DP/LDP (4.5mΩ/4.4mΩ)				
5~9mΩ		SiS184DN/LDN (5.8mΩ/5.4mΩ) SiSS/SiS862ADN (7.2mΩ)			SiR184DP/LDP (5.8mΩ/5.4mΩ) SiR4602LDP (8.8mΩ)				
9~13mΩ		SiS4604DN/LDN (9.5mΩ/8.9mΩ) SiS4608DN/LDN (11.8mΩ/11.5mΩ)			SiR4604DP/LDP (9.5mΩ/8.9mΩ) SiR4608DP/LDP (11.8mΩ/11.5mΩ)				
13~40mΩ	SiA106DJ (18.5mΩ) SiA4620DJ (21mΩ)	Si7120BDN (21mΩ) SiSS4634LDN (29mΩ)			SiR4606DP (18.5mΩ)				

Dev.(Gen4, Gen4.5)

New Tech (Gen4)

Plan

Legacy(Gen3)

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150V Product Portfolio

Rds(on)	PPSC-70	PPAK 1212/S/ST	PPAK 1212F	PPAK 1212FDC	PPAK SO8/S/SW	PPAK SO8DC	PPAK 8x8L	D2PAK	PPAK 10x12
0.9mΩ					SiRS4614EPW (0.98mΩ)	SiDR4600EPF (1.12mΩ)	SiJH600E (0.9mΩ) SiJH602E (0.92mΩ)		
1.2mΩ					SiRS4600DP (1.2mΩ)	SiDR4612LEP (1.4mΩ)			SiJK4610 (1.2mΩ)
1.5~2mΩ					SiR626ADP/LDP (1.75mΩ/1.5mΩ)	SiDR626EP/LDP (1.7mΩ/1.5mΩ)		SUM50010E/EL (1.75mΩ/1.73mΩ)	
2~3mΩ					SiR180ADP (2.2mΩ) SiR182DP/LDP (2.8mΩ/2.75mΩ)				
3~5mΩ		SiSS22DN/LDN (4mΩ/3.65mΩ) SiSS26DN/LDN SiST26LDN (4.5mΩ/4.3mΩ)	SiSD4604DN/LDN (3.4mΩ/3.9mΩ)		SiR188DP/LDP (3.85mΩ/33.75mΩ) SiR186DP/LDP (4.5mΩ/4.4mΩ)				
5~9mΩ		SiS184DN/LDN (5.8mΩ/5.4mΩ) SiSS/SiS862ADN (7.2mΩ)			SiR184DP/LDP (5.8mΩ/5.4mΩ) SiR4602LDP (8.8mΩ)				
9~13mΩ		SiS4604DN/LDN (9.5mΩ/8.9mΩ) SiS4608DN/LDN (11.8mΩ/11.5mΩ)			SiR4604DP/LDP (9.5mΩ/8.9mΩ) SiR4608DP/LDP (11.8mΩ/11.5mΩ)				
13~40mΩ	SiA106DJ (18.5mΩ) SiA4620DJ (21mΩ)	Si7120BDN (21mΩ) SiSS4634LDN (29mΩ)			SiR4606DP (18.5mΩ)				

Dev.(Gen4, Gen4.5)

New Tech (Gen4)

Plan

Legacy(Gen3)

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200V Product Portfolio

Rds(on)	PPSC-70	PPAK 1212/S/ST	PPAK 1212F	PPAK 1212FDC	PPAK SO8/S/SW	PPAK SO8DC	PPAK 8x8L	D2PAK	PPAK 10x12
0.9mΩ					SiRS4614EPW (0.98mΩ)	SiDR4600EPF (1.12mΩ)	SiJH600E (0.9mΩ) SiJH602E (0.92mΩ)		
1.2mΩ					SiRS4600DP (1.2mΩ)	SiDR4612LEP (1.4mΩ)			SiJK4610 (1.2mΩ)
1.5~2mΩ					SiR626ADP/LDP (1.75mΩ/1.5mΩ)	SiDR626EP/LDP (1.7mΩ/1.5mΩ)		SUM50010E/EL (1.75mΩ/1.73mΩ)	
2~3mΩ					SiR180ADP (2.2mΩ) SiR182DP/LDP (2.8mΩ/2.75mΩ)				
3~5mΩ		SiSS22DN/LDN (4mΩ/3.65mΩ) SiSS26DN/LDN SiST26LDN (4.5mΩ/4.3mΩ)	SiSD4604DN/LDN (3.4mΩ/3.9mΩ)		SiR188DP/LDP (3.85mΩ/33.75mΩ) SiR186DP/LDP (4.5mΩ/4.4mΩ)				
5~9mΩ		SiS184DN/LDN (5.8mΩ/5.4mΩ) SiSS/SiS862ADN (7.2mΩ)			SiR184DP/LDP (5.8mΩ/5.4mΩ) SiR4602LDP (8.8mΩ)				
9~13mΩ		SiS4604DN/LDN (9.5mΩ/8.9mΩ) SiS4608DN/LDN (11.8mΩ/11.5mΩ)			SiR4604DP/LDP (9.5mΩ/8.9mΩ) SiR4608DP/LDP (11.8mΩ/11.5mΩ)				
13~40mΩ	SiA106DJ (18.5mΩ) SiA4620DJ (21mΩ)	Si7120BDN (21mΩ) SiSS4634LDN (29mΩ)			SiR4606DP (18.5mΩ)				

Dev.(Gen4, Gen4.5)

New Tech (Gen4)

Plan

Legacy(Gen3)

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250V Product Portfolio

Rds(on)	PPSC-70	PPAK 1212/S/ST	PPAK 1212F	PPAK 1212FDC	PPAK SO8/S/SW	PPAK SO8DC	PPAK 8x8L	D2PAK	PPAK 10x12
0.9mΩ					SiRS4614EPW (0.98mΩ)	SiDR4600EPF (1.12mΩ)	SiJH600E (0.9mΩ) SiJH602E (0.92mΩ)		
1.2mΩ					SiRS4600DP (1.2mΩ)	SiDR4612LEP (1.4mΩ)			SiJK4610 (1.2mΩ)
1.5~2mΩ					SiR626ADP/LDP (1.75mΩ/1.5mΩ)	SiDR626EP/LDP (1.7mΩ/1.5mΩ)		SUM50010E/EL (1.75mΩ/1.73mΩ)	
2~3mΩ					SiR180ADP (2.2mΩ) SiR182DP/LDP (2.8mΩ/2.75mΩ)				
3~5mΩ		SiSS22DN/LDN (4mΩ/3.65mΩ) SiSS26DN/LDN SiST26LDN (4.5mΩ/4.3mΩ)	SiSD4604DN/LDN (3.4mΩ/3.9mΩ)		SiR188DP/LDP (3.85mΩ/33.75mΩ) SiR186DP/LDP (4.5mΩ/4.4mΩ)				
5~9mΩ		SiS184DN/LDN (5.8mΩ/5.4mΩ) SiSS/SiS862ADN (7.2mΩ)			SiR184DP/LDP (5.8mΩ/5.4mΩ) SiR4602LDP (8.8mΩ)				
9~13mΩ		SiS4604DN/LDN (9.5mΩ/8.9mΩ) SiS4608DN/LDN (11.8mΩ/11.5mΩ)			SiR4604DP/LDP (9.5mΩ/8.9mΩ) SiR4608DP/LDP (11.8mΩ/11.5mΩ)				
13~40mΩ	SiA106DJ (18.5mΩ) SiA4620DJ (21mΩ)	Si7120BDN (21mΩ) SiSS4634LDN (29mΩ)			SiR4606DP (18.5mΩ)				

Dev.(Gen4, Gen4.5)

New Tech (Gen4)

Plan

Legacy(Gen3)

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-30V Product Portfolio

Rds(on)	PPSC-70	PPAK 1212/S/ST	PPAK 1212F	PPAK 1212FDC	PPAK SO8/S/SW	PPAK SO8DC	PPAK 8x8L	D2PAK	PPAK 10x12
0.9mΩ					SiRS4614EPW (0.98mΩ)	SiDR4600EPF (1.12mΩ)	SiJH600E (0.9mΩ) SiJH602E (0.92mΩ)		
1.2mΩ					SiRS4600DP (1.2mΩ)	SiDR4612LEP (1.4mΩ)			SiJK4610 (1.2mΩ)
1.5~2mΩ					SiR626ADP/LDP (1.75mΩ/1.5mΩ)	SiDR626EP/LDP (1.7mΩ/1.5mΩ)		SUM50010E/EL (1.75mΩ/1.73mΩ)	
2~3mΩ					SiR180ADP (2.2mΩ) SiR182DP/LDP (2.8mΩ/2.75mΩ)				
3~5mΩ		SiSS22DN/LDN (4mΩ/3.65mΩ) SiSS26DN/LDN SiST26LDN (4.5mΩ/4.3mΩ)	SiSD4604DN/LDN (3.4mΩ/3.9mΩ)		SiR188DP/LDP (3.85mΩ/33.75mΩ) SiR186DP/LDP (4.5mΩ/4.4mΩ)				
5~9mΩ		SiS184DN/LDN (5.8mΩ/5.4mΩ) SiSS/SiS862ADN (7.2mΩ)			SiR184DP/LDP (5.8mΩ/5.4mΩ) SiR4602LDP (8.8mΩ)				
9~13mΩ		SiS4604DN/LDN (9.5mΩ/8.9mΩ) SiS4608DN/LDN (11.8mΩ/11.5mΩ)			SiR4604DP/LDP (9.5mΩ/8.9mΩ) SiR4608DP/LDP (11.8mΩ/11.5mΩ)				
13~40mΩ	SiA106DJ (18.5mΩ) SiA4620DJ (21mΩ)	Si7120BDN (21mΩ) SiSS4634LDN (29mΩ)			SiR4606DP (18.5mΩ)				

Dev.(Gen4, Gen4.5)

New Tech (Gen4)

Plan

Legacy(Gen3)

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-40V Product Portfolio

Rds(on)	PPSC-70	PPAK 1212/S/ST	PPAK 1212F	PPAK 1212FDC	PPAK SO8/S/SW	PPAK SO8DC	PPAK 8x8L	D2PAK	PPAK 10x12
0.9mΩ					SiRS4614EPW (0.98mΩ)	SiDR4600EPF (1.12mΩ)	SiJH600E (0.9mΩ) SiJH602E (0.92mΩ)		
1.2mΩ					SiRS4600DP (1.2mΩ)	SiDR4612LEP (1.4mΩ)			SiJK4610 (1.2mΩ)
1.5~2mΩ					SiR626ADP/LDP (1.75mΩ/1.5mΩ)	SiDR626EP/LDP (1.7mΩ/1.5mΩ)		SUM50010E/EL (1.75mΩ/1.73mΩ)	
2~3mΩ					SiR180ADP (2.2mΩ) SiR182DP/LDP (2.8mΩ/2.75mΩ)				
3~5mΩ		SiSS22DN/LDN (4mΩ/3.65mΩ) SiSS26DN/LDN SiST26LDN (4.5mΩ/4.3mΩ)	SiSD4604DN/LDN (3.4mΩ/3.9mΩ)		SiR188DP/LDP (3.85mΩ/33.75mΩ) SiR186DP/LDP (4.5mΩ/4.4mΩ)				
5~9mΩ		SiS184DN/LDN (5.8mΩ/5.4mΩ) SiSS/SiS862ADN (7.2mΩ)			SiR184DP/LDP (5.8mΩ/5.4mΩ) SiR4602LDP (8.8mΩ)				
9~13mΩ		SiS4604DN/LDN (9.5mΩ/8.9mΩ) SiS4608DN/LDN (11.8mΩ/11.5mΩ)			SiR4604DP/LDP (9.5mΩ/8.9mΩ) SiR4608DP/LDP (11.8mΩ/11.5mΩ)				
13~40mΩ	SiA106DJ (18.5mΩ) SiA4620DJ (21mΩ)	Si7120BDN (21mΩ) SiSS4634LDN (29mΩ)			SiR4606DP (18.5mΩ)				

Dev.(Gen4, Gen4.5)

New Tech (Gen4)

Plan

Legacy(Gen3)

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-80V Product Portfolio

Rds(on)	PPSC-70	PPAK 1212/S/ST	PPAK 1212F	PPAK 1212FDC	PPAK SO8/S/SW	PPAK SO8DC	PPAK 8x8L	D2PAK	PPAK 10x12
0.9mΩ					SiRS4614EPW (0.98mΩ)	SiDR4600EPF (1.12mΩ)	SiJH600E (0.9mΩ) SiJH602E (0.92mΩ)		
1.2mΩ					SiRS4600DP (1.2mΩ)	SiDR4612LEP (1.4mΩ)			SiJK4610 (1.2mΩ)
1.5~2mΩ					SiR626ADP/LDP (1.75mΩ/1.5mΩ)	SiDR626EP/LDP (1.7mΩ/1.5mΩ)		SUM50010E/EL (1.75mΩ/1.73mΩ)	
2~3mΩ					SiR180ADP (2.2mΩ) SiR182DP/LDP (2.8mΩ/2.75mΩ)				
3~5mΩ		SiSS22DN/LDN (4mΩ/3.65mΩ) SiSS26DN/LDN SiST26LDN (4.5mΩ/4.3mΩ)	SiSD4604DN/LDN (3.4mΩ/3.9mΩ)		SiR188DP/LDP (3.85mΩ/33.75mΩ) SiR186DP/LDP (4.5mΩ/4.4mΩ)				
5~9mΩ		SiS184DN/LDN (5.8mΩ/5.4mΩ) SiSS/SiS862ADN (7.2mΩ)			SiR184DP/LDP (5.8mΩ/5.4mΩ) SiR4602LDP (8.8mΩ)				
9~13mΩ		SiS4604DN/LDN (9.5mΩ/8.9mΩ) SiS4608DN/LDN (11.8mΩ/11.5mΩ)			SiR4604DP/LDP (9.5mΩ/8.9mΩ) SiR4608DP/LDP (11.8mΩ/11.5mΩ)				
13~40mΩ	SiA106DJ (18.5mΩ) SiA4620DJ (21mΩ)	Si7120BDN (21mΩ) SiSS4634LDN (29mΩ)			SiR4606DP (18.5mΩ)				

Dev.(Gen4, Gen4.5)

New Tech (Gen4)

Plan

Legacy(Gen3)

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-150V Product Portfolio

Rds(on)	PPSC-70	PPAK 1212/S/ST	PPAK 1212F	PPAK 1212FDC	PPAK SO8/S/SW	PPAK SO8DC	PPAK 8x8L	D2PAK	PPAK 10x12
0.9mΩ					SiRS4614EPW (0.98mΩ)	SiDR4600EPF (1.12mΩ)	SiJH600E (0.9mΩ) SiJH602E (0.92mΩ)		
1.2mΩ					SiRS4600DP (1.2mΩ)	SiDR4612LEP (1.4mΩ)			SiJK4610 (1.2mΩ)
1.5~2mΩ					SiR626ADP/LDP (1.75mΩ/1.5mΩ)	SiDR626EP/LDP (1.7mΩ/1.5mΩ)		SUM50010E/EL (1.75mΩ/1.73mΩ)	
2~3mΩ					SiR180ADP (2.2mΩ) SiR182DP/LDP (2.8mΩ/2.75mΩ)				
3~5mΩ		SiSS22DN/LDN (4mΩ/3.65mΩ) SiSS26DN/LDN SiST26LDN (4.5mΩ/4.3mΩ)	SiSD4604DN/LDN (3.4mΩ/3.9mΩ)		SiR188DP/LDP (3.85mΩ/33.75mΩ) SiR186DP/LDP (4.5mΩ/4.4mΩ)				
5~9mΩ		SiS184DN/LDN (5.8mΩ/5.4mΩ) SiSS/SiS862ADN (7.2mΩ)			SiR184DP/LDP (5.8mΩ/5.4mΩ) SiR4602LDP (8.8mΩ)				
9~13mΩ		SiS4604DN/LDN (9.5mΩ/8.9mΩ) SiS4608DN/LDN (11.8mΩ/11.5mΩ)			SiR4604DP/LDP (9.5mΩ/8.9mΩ) SiR4608DP/LDP (11.8mΩ/11.5mΩ)				
13~40mΩ	SiA106DJ (18.5mΩ) SiA4620DJ (21mΩ)	Si7120BDN (21mΩ) SiSS4634LDN (29mΩ)			SiR4606DP (18.5mΩ)				

Dev.(Gen4, Gen4.5)

New Tech (Gen4)

Plan

Legacy(Gen3)

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