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**NEWS RELEASE**

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## **Richardson RFPD Introduces Wolfspeed Gen 4 MOSFETs Delivering Next-Generation Efficiency and Real-World Performance**

**DOWNERS GROVE, Ill. (February 25, 2026)** – Richardson RFPD, Inc., an Arrow Electronics company, announced the expanded availability of [Wolfspeed's Gen 4 Silicon Carbide \(SiC\) MOSFET platform](#), engineered to deliver efficiency, simplified switching behavior, and long-term reliability for today's most demanding high-power applications.

Wolfspeed's Gen 4 technology is designed to improve system-level performance while reducing design complexity. With devices offered in 750V, 1200V, and 2300V classes, the portfolio supports power modules, discrete components, and bare die formats, giving engineers broad flexibility across industrial, renewable energy, EV charging, UPS, and high-voltage conversion markets.

### **Higher Efficiency and Simplified Design**

Gen 4 MOSFETs deliver reduced switching losses and support higher switching frequencies, enabling smaller passives and higher power density. Their optimized conduction characteristics reduce losses across the load range—critical for EV traction inverters, industrial motor drives, and AI data-center power systems.

### **Proven Reliability and Enhanced Thermal Performance**

Built on Wolfspeed's industry-leading SiC foundation, Gen 4 devices offer improved robustness and cooler operation. Their compatibility with 15–18V turn-on and 0V to –5V turn-off gate-drive conditions helps ensure easy integration into existing high-power architectures, while improved Safe Operating Area metrics support harsher environments and longer system lifecycles

### **Optimized for Real-World High-Power Applications**

Wolfspeed's [1200V SiC MOSFET family](#) offers multiple on-resistance options to help designers balance cost, performance, and efficiency. Hard-switching applications benefit from lower turn-on losses and improved Coss linearity, while soft-switching topologies gain smoother behavior and reduced EMI.

Part Number	D	K	K1	J	J1	J2	U2
	TO-247-3	TO-247-4	TO-247-4 (LP)	TO-263-7	TO-263-7XL	TO-263-7XL	TSC
C3M0016120x	N/A	C4MS018120K*	C4MS018120K1*		C4MS018120J2*		C4MS018120U2*
<a href="#">C3M0021120x</a>	N/A	<a href="#">C4MS025120K</a>	<a href="#">C4MS025120K1</a>		<a href="#">C4MS025120J2</a>		<a href="#">C4MS025120U2</a>
<a href="#">C3M0032120x</a>	N/A	<a href="#">C4MS036120K</a>	<a href="#">C4MS036120K1</a>		<a href="#">C4MS036120J2</a>		<a href="#">C4MS036120U2</a>
<a href="#">C3M0040120x</a>	N/A	<a href="#">C4MS047120K</a>	<a href="#">C4MS047120K1</a>		<a href="#">C4MS047120J2</a>		<a href="#">C4MS047120U2</a>
<a href="#">C3M0075120x</a>	N/A	<a href="#">C4MS065120K</a>	<a href="#">C4MS065120K1</a>		<a href="#">C4MS065120J2</a>		<a href="#">C4MS065120U2</a>
		C4MS080120K*	C4MS080120K1*		C4MS080120J2*		C4MS080120U2*

To learn more about Wolfspeed Gen 4 MOSFETs including alternatives for Gen 3 products or to request a sample, please visit the Richardson RFPD [website](#).



**About Richardson RFPD**

Richardson RFPD, an Arrow Electronics company, is a global leader in the RF, wireless, IoT and power technologies markets. It brings relationships with many of the industry’s top radio frequency and power component suppliers. Whether it’s designing components or engineering complete solutions, Richardson RFPD’s worldwide design centers and technical sales team provide comprehensive support for customers’ go-to-market strategy, from prototype to production. More information is available online at [richardsonrfpd.com](http://richardsonrfpd.com). To browse and subscribe to Richardson RFPD’s email newsletters, [click here](#).

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