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For Immediate Release:

**Central Semiconductor announces
new HyperFast Rectifiers, ideal for use
with Super Junction MOSFETs**



Hauppauge, NY USA – August 29, 2023 – Central Semiconductor, a leading manufacturer of discrete electronic components, announced the addition of two new products to its extensive lineup, the CRU24715-600 (600V, with dual common cathode 15A rectifiers) and CRU24730-600 (600V, with dual common cathode 30A rectifiers). These through-hole hyper-fast recovery rectifiers packaged in the TO-247 provide outstanding performance and couple perfectly with Central’s upcoming line of Super junction MOSFETs.

“These new rectifiers were developed alongside Central’s upcoming Super Junction MOSFETs,” explained Tom Donofrio, Central Semiconductor’s Director of Marketing and Sales Operations, “and are intended to be used together to provide a complete solution for various designs including the slow-side of a PFC totem-pole as well as Flyback diode configurations, DC/DC converters, and Switch-mode power supplies.”

These hyper-fast rectifiers boast a very fast t_{rr} of 35nSec at a V_R of 30V and I_F at 1A with a $di/dt=300A/us$. With the dual die configuration, these devices can use a single leg, either pin 1 or pin3 for 15A or 30A I_F (AV) rating, or double the limit by using pin 1 and pin 3 in parallel to 30A or 60A I_F (AV) rating. The TO-247 provides a temperature range from -55°C to 150°C with a power dissipation of 50Watts.

Pricing for the CRU24715-600 SL starts at US\$1.45 for 510 pcs. (30 pcs. in a tube/sleeve)

Pricing for the CRU24730-600 SL starts at US\$1.75 for 510 pcs. (30 pcs. in a tube/sleeve)

Central Semiconductor is a U.S. based manufacturer known for its broad range of high-quality discrete semiconductor devices, semi-custom solutions and extended product services.

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