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press release

For Immediate Release:
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Central Semiconductor's New CAK3 & CAK6 Series 5G Transient Voltage Suppressors



Hauppauge, NY USA – September 14, 2021 – Central Semiconductor Corp., a leading manufacturer of innovative discrete semiconductor solutions, introduces its **CAK3-012C** & **CAK6-042C** series of 5G bi-directional transient voltage suppressors (TVS). These TVS devices are designed to meet designers' requirements for protection of voltage sensitive components from high energy transients that are most directly associated with lightning strikes and inductive load switching.

Manufactured with glass passivated chips to deliver exceptional reliability, these high energy TVS devices are available with voltage options ranging from 12.8V to 380V (3kA) and 42V to 240V (6kA). Ideal for high voltage 5G transceiver applications, these transient voltage suppressors also feature a tight clamping ratio (V_C/V_{RWM}) to ensure fast and precise protection of sensitive electronics, and have no inherent wear-out mechanism as is common with metal oxide varistor (MOV) type components.

To see application examples and additional information, please visit www.centrasemi.com/applications.

CAK3-012C Series: (I_{PP}: 3kA)

- CAK3-012C – (12.8V)
- CAK3-015C – (15V)
- CAK3-020C – (20V)
- CAK3-025C – (25V)
- CAK3-030C – (30V)
- CAK3-042C – (42V)
- CAK3-058C – (58V)
- CAK3-076C – (76V)
- CAK3-380C – (380V)

CAK6-042C Series: (I_{PP}: 6kA)

- CAK6-042C – (42V)
- CAK3-066C – (66V)
- CAK3-076C – (76V)
- CAK3-170C – (170V)
- CAK3-190C – (190V)
- CAK3-240C – (240V)

Pricing for 25 pieces in bulk packaging starts at \$9.41 for CAK3-012C, and \$14.50 for CAK6-042C. Samples are available upon request.

Central Semiconductor Corp. manufactures innovative discrete semiconductors to meet design engineers' ever-changing challenges. Complete specifications for the CAK3 and CAK6 series are available on Central's website at:

https://www.centrasemi.com/featured-products/34?utm_source=press-release&utm_medium=web&utm_campaign=CAK_SER_TVS-Series-Launch

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