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## RIDGETOP GROUP RECEIVES ADC DEVELOPMENT CONTRACT FROM DEPARTMENT OF ENERGY

Ridgetop Group, Inc., a fast-growing Tucson-based high technology firm, has received a Small Business Innovative Research (SBIR) Phase I Contract from the Department of Energy (DOE) to design a radiation hardened high performance analog-to-digital converter.

Given the exposure to radiation and related aging effects to the semiconductors in their laboratory test facilities, DOE requires a combination of high performance and radiation hardness in its detector electronics. In the area of Analog-to-Digital Converters (ADCs), it is necessary to convert analog sensor data from detectors or other sources into digital format very quickly, so that processing of the data can be on a real-time basis.

This ADC is an example of a "Dual-Use" component by having both DOE and interested commercial market customers. In addition to having tolerance against damaging radiation effects for the DOE, Ridgetop's ADC will provide an improved resolution/sampling rate performance point in ADC technology. ADCs having high speed and low power consumption will be applicable for consumer battery-powered devices, extending the lifetime between recharges.

Ridgetop Group believes that investment in this market place will provide unique and specialized opportunities for growth. According to Doug Goodman, Ridgetop's CEO, "We are encouraged by growth in our IC-related business and this endorsement by the DOE. Upon completion of this Program, a rollout of a commercially available ADC and the associated IP core will be made available to the general market through Ridgetop Group's established sales channel."

Ridgetop Group is a privately-held firm founded in 2000 that provides mission-critical electronic prognostic tools, and semiconductor IP libraries. Customers include a diverse mix of government and commercial firms in North America, Europe and Asia..

For further information, please visit our website at www.Ridgetop-Group.com or contact Milena Thompson at <a href="milena@ridgetop-group.com">milena@ridgetop-group.com</a>.