

## Apogee - New 300krad plastic ICs

The **AP54RHC** family with the following ICs:

- Voters
- Arbiters
- Level Translators
- Logical Functions
- Shift Registers & Flip-Flops
- Transceivers
- (Inverting) Buffers



### Key Features:

- 300krad TiD
- >80Mev SEE
- Standard Operating Voltages
- TSSOP 14&20 pin packages
- Pin compatible to AP54RHC family

### AP54RHC LEO family (logic ICs):

- Enhanced radiation performance to 70krad



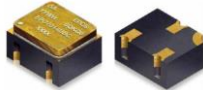
## EPC – New GaN Components

### RadHard GaN Power Stage IC

- Driver + FET half-bridge power stage IC
- High switching speed up to 2MHz
- Ceramic SMD package
- Rated to 1000krad and 84MeV

### EPC7014UB - The Superior Alternative to 2N2222 Transistor:

- Superior radiation performance
- Higher current rating (1A)
- Ease drive with TTL logic
- Faster switching speeds



### Enhanced power stats for GAM02/GAM02-PSE modules for POL applications:

- Increase of max. load current from 100A to up to 200A and more



## VMI – New 10kV Diode

### SXFL6527 – the 10kV SMD option:

- VMI introduced a SMD diode as alternative to the common 1N6527



## Avalanche – Memory Updates

### Gen 3 High Density MRAM PEMS option:

- Expansion of qual. & screening options with NASA PEMS INST-0001 flow solution

### Gen 3 Space Grad SRAM:

- Adding a low density options to the DQSPI family with 64Mb and 128MB



## AXTAL – New Space OXCO

### New Space COTS AXIOM75Sx Oscillator Series for LEO/MEO applications:

- Up to 50krad TID and SEL immune
- 10-400MHz
- Hermetically sealed THT package
- ITAR Free – Manufactured in Germany
- Ultra Free Phase noise



## VPT – Radiation Webinar

### Topic: Trends In Radiation-Hardened Electronics for Space

- How to balance cost and reliability in commercial NewSpace applications
- Wednesday June 12 2024, 8pm MESZ
- Please contact us in case of interest: We will forward you the Webinar Link

