

How To RFP:

Radiation & Particle Detectors from CVD Diamond

Application:

- what do you wish to detect? at what energy levels?
- in what environment? (reactor instrumentation, medical dosimetry, etc)
- detector response required? (time, amplitude)
- segmented detector for spatial resolution? ('quad', linear, etc)
- do you need the device factory-characterized?

Issues:

- diamond grade (four to choose from)
- dimensions (X,Y,Z) & shape (rectangle, circle, prism)
- polishing (surfaces, roughness)
- electrodes (attached to which surfaces)
- metallization (materials, thickness)
- packaging (type, limitations)
- electronics (power supply, signal detection)

Questions? Be sure to review our "TechNotes" document.

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Bringing Advanced Technologies To The People Who Use Them

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