

RECONFIGURABLE MULTIMISSION PAYLOAD

Software-defined platform for satellite missions



APPLICATIONS

- > Small satellites
- > Hosted payloads

HIGHLIGHTS

- > Maximizes the value of smallsats and hosted payloads via a flexible, software-defined architecture
- > Is reconfigurable on orbit to meet changing mission needs
- > Enables autonomous control and switching of mission applications in seconds
- > Supports user-developed mission apps with a software development environment and module library

RF mezzanine (Fs)	GHz	2
Reliability		.995 success (3 year) (LEO)
Radiation tolerance		TID: 30 Krad(Si) SEL: <1 latchup/7 years Heavy ions LET: >15 MeVcm ² /mg
Power		