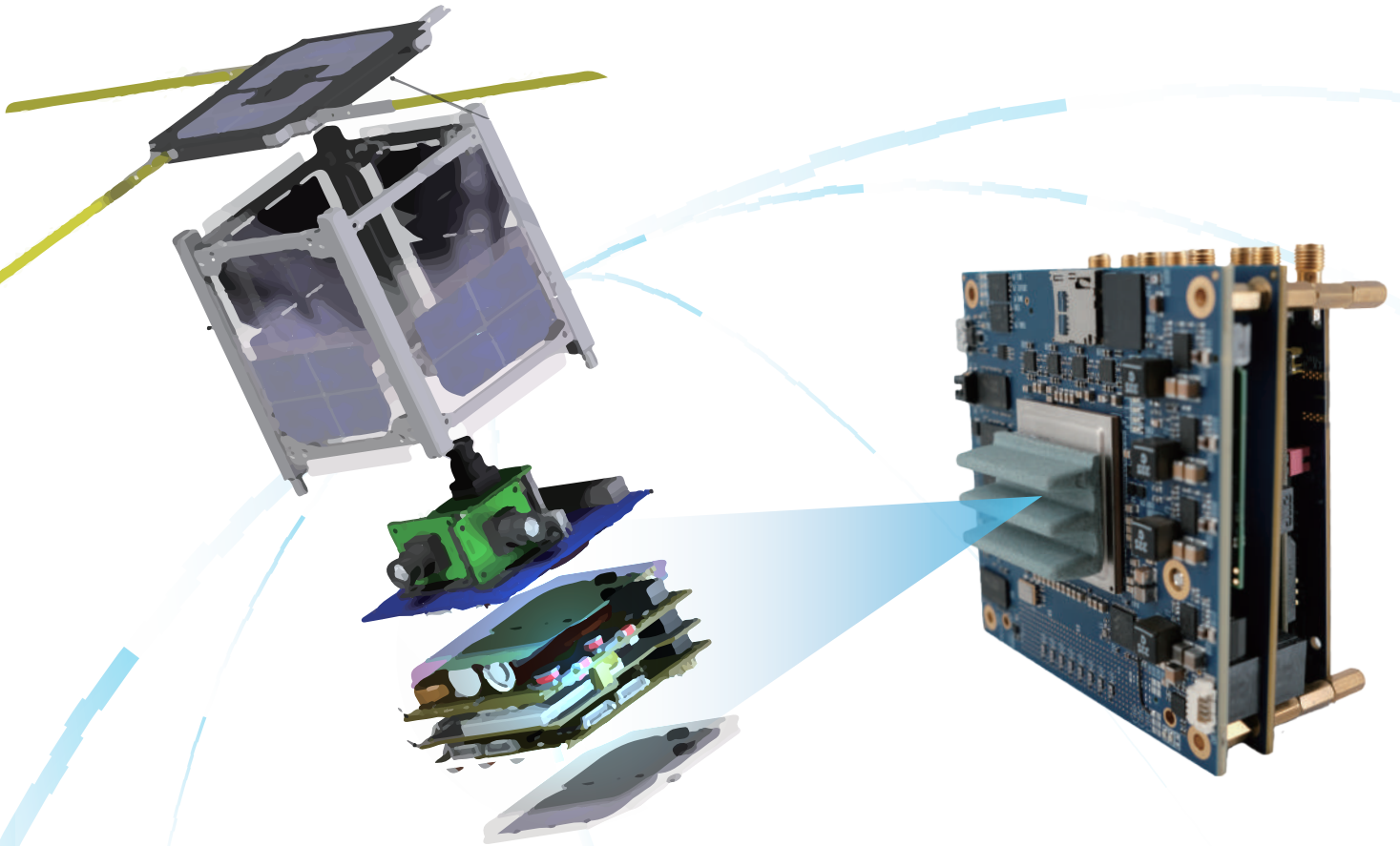




Software-Defined Payload For LEO & UAV



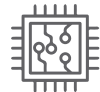
CubeSat Size
 10 x 10 x 5 cm (0.5U)



Space-qualified
Hardware



X Band
 8.5GHz Frequency



Xilinx Zynq UltraScale
 programmable FPGA

Y.Load Series is a high flexible and great capacity FPGA platform. Users could easily develop any communication specification for different missions with various RF band supported RF board. This series is designed for strict environmental standards including radiation test, vacuum thermal cycling test, etc. Y.Load could speeds up your development schedule. YTTEK also provides RF board custom design service and custom physical layer design for wireless communication, including hopping or spread spectrum features.