This presentation will review some past NASA presentations that had identified challenges and future trends in the assurance of Electrical, Electronic and Electromechanical (EEE) parts for spaceflight applications. It will contrast the concerns expressed in those presentations with the challenges of today and identify trends that give insight into the future. Common themes include the use of commercial parts, limited technical and physical resources, the pace of technology change and the difficulties in handling and testing individual parts as they become smaller and more complex. Some options for dealing with these challenges will be suggested to accommodate increasing numbers of smallsats, cubesats, constellations and other disruptive concepts, as space becomes more and more commercialized.