

# ISO 14621-1:2019 (E)

## Space systems — Electrical, electronic and electromechanical (EEE) parts — Part 1: Parts management

---

### Contents

	Foreword
	Introduction
1	Scope
2	Normative references
3	Terms, definitions, and abbreviated terms
3.1	Terms and definitions
3.2	Abbreviated terms
4	EEE parts management programme
4.1	EEE parts management process
4.1.1	General
4.1.2	Design process
4.1.3	Design margin
4.1.4	Life cycle cost
4.1.5	Technology insertion strategy
4.1.6	Technical support
4.1.7	System engineering support
4.1.8	Parts selection
4.1.9	Obsolescence management
4.2	Supplier management
4.2.1	General
4.2.2	Management processes
4.2.3	Information management
4.2.4	Internal controls
4.3	Shared data guidance
Annex A	(informative) Radiation effects
A.1	General
A.2	System/analysis/environmental
A.3	Design margin
A.4	Parts selection
A.5	Technical support
A.6	Technology insertion
A.7	Life cycle cost
A.8	Validation/traceability
Annex B	(informative) Parts selection checklist
Annex C	(informative) Subcontractor/supplier management checklist
Annex D	(informative) Shared database
D.1	General
D.2	Data flow
D.3	Key attributes
D.4	Data elements
D.5	Data standardization
D.6	Recommended practice application and database support