



ASQ CRE Prep course

Lesson III. B. 3.

Parts Obsolescence
Management

A black and white photograph of an astronaut's legs and feet on the lunar surface. The astronaut is wearing a white spacesuit and is standing on the dusty, cratered ground. A long shadow is cast to the right. The image is overlaid with a grid of white crosshairs.

When the source parts are no more

PARTS OBSOLESCENCE MANAGEMENT

Avoid Obsolescence

**Supply stability risk
analysis**

**Evaluate parts
roadmaps**

**Plan for alternative
parts**

Avoid counterfeit parts



Minimize Impact

One-time buy

Aftermarket mfg'er

Reverse engineer

Up-rate similar part

Reclaim parts

Design custom IC

**Improve obsolescence
prediction**

Plan design refresh

**Start risk analysis
early**

What drives
obsolescence?



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Lesson III. B. 4.

Establishing Specifications