

# Avnet Service Brief

## Component Life Cycle Services



### Proactive Solutions for Electronic Component Obsolescence

Responding to the growing semiconductor obsolescence dilemma and the escalating costs associated with maintaining a “healthy” Bill-of-Material (BOM), Avnet Electronics Marketing is pleased to offer comprehensive life cycle services that enable component engineers to leverage Avnet engineering resources and a sophisticated suite of information technology (IT) tools. An affordable monthly fee will secure an assortment of highly beneficial services.

#### Avnet Engineers

- Regularly review the customer's BOMs
- Identify potential end-of-life (EOL) problems
- Suggest replacements (current alternates and aftermarket options)
- Identify trusted sources of supply

#### Service Outcomes

- Facilitate component evaluation for new designs
- Fill-in internal component engineering resource gaps
- Avoid or mitigate counterfeit issues
- Enable streamlined production programs
- Create warranty/spares programs
- Identify RoHS replacements

#### Key Service Features & Benefits

- Proactive identification of and solutions to component life cycle problems
- Confidence in proceeding with manufacturing plans
- Augmentation of internal resources
- Reduction in costly line down purchases
- Cost-effective technical services

### Sample Output of Services

MANUFACTURER PART NUMBER	AVAILABLE YEARS	AVNET ENGINEERING FEEDBACK
ULN-2803A	8	No action required; readily available; alternates also readily available.
IRF540N	2	Near end-of-life (EOL); suggested replacement: F540-002PBF. Spec sheet comparison and samples sent to customer for evaluation.
ML4818CP	0	Discontinued; no suitable replacement exists. Coordinate immediate purchase of all available inventory.
MC3302L	0	Discontinued; die/package pin-for-pin replacement identified.
MC74HC541N	0	Discontinued; interposer pin-for-pin replacement identified.
TN80C186EB-20	0	Discontinued; emulation replacement identified.

Avnet Electronics Marketing Americas is one of the world's largest technology, marketing, distribution and services companies, offering leading Design Chain services combined with world-class Supply Chain services in support of the electronics industry.



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