



## DMS / EOL / WHOLE LIFE PRODUCT SUPPORT

Microcross Components offers a wide variety of services to assist in finding an obsolescence solution! If the die exists, a product can be manufactured to SMD or other quality levels as determined by the end customer. By utilizing Microcross Components extensive capabilities, the mechanical footprint and electrical specifications required by the application can be maintained, solving your DMS problems and avoiding costly re-designs.

In addition, Microcross Components provides expertise in DMS/EOL for identification, forecasting, problem assessment and resolution / implementation.

### MICROSS OFFERS:

- Die & Finished Product Banking
- Qualifications & Approvals
- Production Planning
- End of Life Monitoring
- Form, Fit & Function Alternative or MCM Hybrid



### OBSOLESCENCE STRATEGY

#### REQUIREMENTS

##### Form

- Package dimensions equivalent
- Matching the footprint
- Goes on same PCB (printed circuit board)

##### Fit

- Exact specification
- "Fit for purpose"
- Same decoupling

##### Function

- What goes on inside the chip
- Living with the application
- Same pin-out & power supplies

#### SOLUTIONS

##### Re-Package

- Pull from die stock

##### Replace, Similar Product

- COTS, specification change, up-screening

##### Re-Invent

- Using MCM / hybrid techniques

##### Refit

- PLD / FPGA mimicking device function

At Microcross Components, we strive to become a worldwide leader in component emulation and substitution by providing engineered solutions to many manufacturers. We offer a complete "turn key" package, replacing an unavailable part with a matching part using current technology. We deliver the final tested product. By close collaboration with our customer, we have a long track record of first-time success in engineering a solution to meet the customer's needs. Our customer's success is our success. We have designed, assembled and tested thousands of "engineered solutions" parts for our customers, from 2-3 pin discretes to full custom MCM solutions.

For a complete list of capabilities, see our Custom Product Capabilities Brochure at [www.microcross.com](http://www.microcross.com).

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