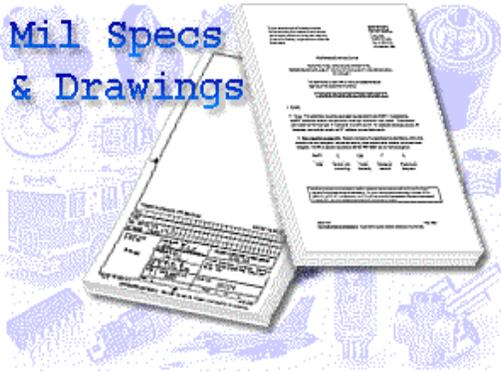


Mil Specs
& Drawings



STANDARD MICROCIRCUIT DRAWING (SMD) PROGRAM 3RD QUARTER 2003

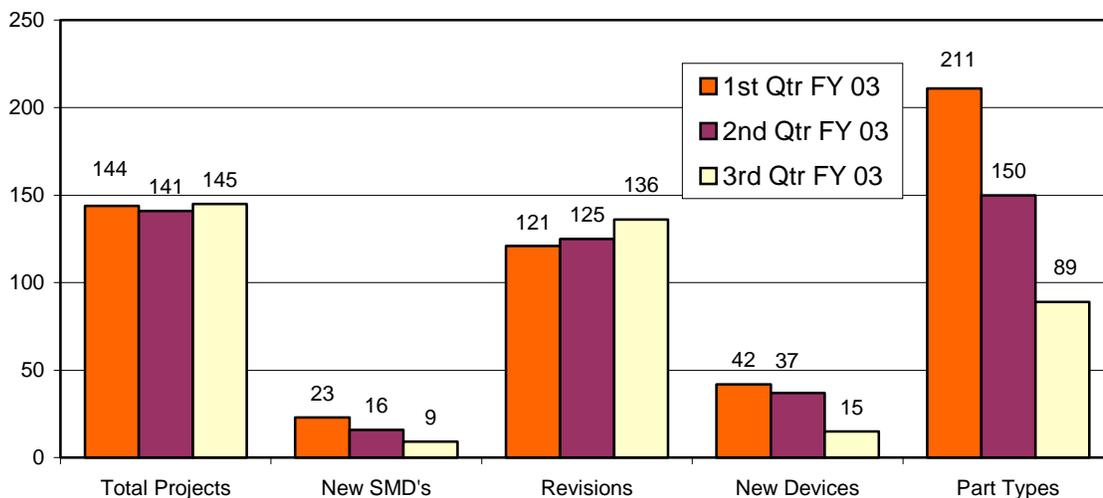


It's time for
an update

SMDs are a means to describe and subsequently procure microcircuits to MIL-PRF-38535 and MIL-PRF-38534 for military systems using a standardized drawing instead of a slash sheet. This program was started in 1986 by the Office of the Under Secretary of Defense with the help of industry.

The SMD program summary is shown in the chart below. The 3rd quarter effort consisted of 145 projects containing 9 new SMDs, 15 new devices, and 89 new part types.

**SMD STATISTICS
FY 2003**



In 2002, there were 575 projects completed and 651 unique part types added to SMDs.

(Note: A project can add one or more part types)

All SMDs, except ASICs, are now available on the VA Internet site:
http://www.dscccols.com/offices/doc_control/

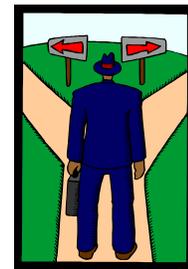
The 3rd quarter statistics showed 145 standard microcircuit drawing projects being prepared. There were 9 new documents created, of these, 3 documents were for Application Specific Integrated Circuits (ASICs). Two of the drawings DSCC completed were linear Class V, radiation hardened, monolithic microcircuits being supplied to MIL-PRF-38535 requirements. There were also 2 Low voltage, Class V, Radiation hardened, CMOS devices and 2 Class Q, low voltage, Digital Signal Processor drawings created during the third quarter. Class V and K devices are for use in space applications.



*Weigh the options
and you too will
chose to use
standard parts.*

3RD Quarter SMD Statistics

Total number of SMDs	3,672
ASIC/Custom SMDs	218
SMDs covering Dice	334
Device types on SMDs	7,655
Part types on SMDs	21,086
RHA part types on SMDs	4,200
Number of vendors on SMDs	62
Number of SMD reg. users	95
Number of SMDs on DSCC website	3,413



Choosing the right
path...
standardization
can save money.

DID YOU KNOW:

DSCC currently has 619 Standard Microcircuit Drawing covering over 4200 unique radiation hardened devices for use in military applications. These devices are supplied by 11 different manufacturers in the QML program.

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07-16-03

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