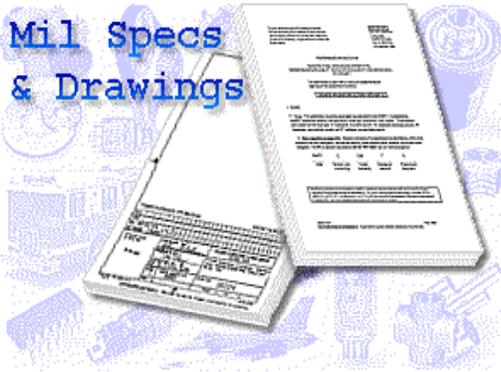


Mil Specs
& Drawings



STANDARD MICROCIRCUIT DRAWING (SMD) PROGRAM 2ND QUARTER 2003

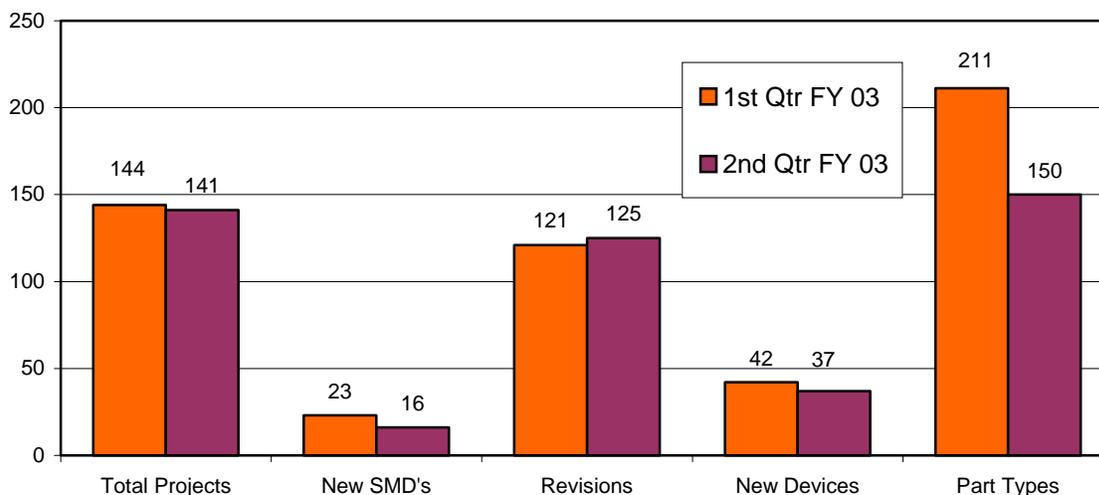


It's time for
an update

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 2nd quarter effort consisted of 141 projects containing 16 new SMDs, 37 new devices, and 150 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 2nd quarter statistics showed 141 standard microcircuit drawing projects being prepared. There were 16 new documents created, of these 4 documents were for Class H and K Hybrids. Hybrids are built to the MIL-PRF-38534 general specification. Five of the drawings DSCC completed were linear Class V monolithic microcircuits being supplied to MIL-PRF-38535 requirements. Class V and K devices are for use in space applications. There was 3 (ASICs), 1 CMOS and 2 PROM Class Q drawing created during the second quarter. One class "N" plastic SRAM device was completed in the second quarter. Several of these new documents also contained Radiation Hardened requirements.



*Don't throw money
down the drain.
The DSCC standardi-
zation program can
save you money.*

2ND Quarter SMD Statistics

Total number of SMDs	3,653
ASIC/Custom SMDs	215
SMDs covering Dice	332
Device types on SMDs	7,639
Part types on SMDs	20,997
RHA part types on SMDs	4,170
Number of vendors on SMDs	62
Number of SMD reg. users	95
Number of SMDs on DSCC website	3,407



*Money getting tight?
Use standard products
to get more for your
dollar.*

DID YOU KNOW... On 7 March 2003 Revision E Notice 5 to MIL-STD-883 was dated for use. Manufacturers have until 30 September 2003 to perform the necessary process and document conversions to comply with this specification. Major changes to this standard include the revision of test method 1019 on ionizing radiation and a revision to test method 2019 on die shear.

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