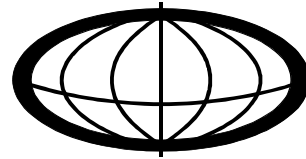


**WSTS**



**WORLD  
SEMICONDUCTOR  
TRADE STATISTICS**

**XXX 2006**

**SEMICONDUCTOR INDUSTRY  
BLUE BOOK**

**NET BILLINGS  
BY PRODUCTS & REGION**

**Administered by WSTS, Inc.**

## NET BILLINGS BY REGIONS AND PRODUCT CATEGORIES

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	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	To Date
A99 - DIODES													
Americas													
Europe													
Japan													
Asia Pacific													
WW Dollars													
WW Units													
WW ASP													
<b>World-Wide Detail By Subproduct Classification</b>													
A5 - SMALL SIGNAL DIODES													
WW Dollars													
WW Units													
WW ASP													
A2 - ZENER DIODES													
WW Dollars													
WW Units													
WW ASP													
A3 - TRANSIENT PROTECTION DEVICES													
WW Dollars													
WW Units													
WW ASP													
A4 - RF & MICROWAVE DIODES													
WW Dollars													
WW Units													
WW ASP													
B99 - SMALL SIGNAL TRANSISTORS													
Americas													
Europe													
Japan													
Asia Pacific													
WW Dollars													
WW Units													
WW ASP													
<b>World-Wide Detail By Subproduct Classification</b>													
B4 - BIPOLAR SMALL SIGNAL TRANS													
WW Dollars													
WW Units													
WW ASP													
B2 - FIELD EFFECT TRANSISTORS													
WW Dollars													
WW Units													
WW ASP													
B3 - RF & MICROWAVE SS TRANS													
WW Dollars													
WW Units													
WW ASP													

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**Billings - 000's Omitted**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	To Date
C99 - POWER TRANSISTORS													
Americas													
Europe													
Japan													
Asia Pacific													
WW Dollars													
WW Units													
WW ASP													
<b>World-Wide Detail By Subproduct Classification</b>	<hr style="border-top: 1px dashed black;"/>												
C1 - RF & MICROWAVE POWER TRANS													
WW Dollars													
WW Units													
WW ASP													
C11 - RF & MW PWR TRANS MODULE													
WW Dollars													
WW Units													
WW ASP													
C5 - BIPOLAR GEN PUR PWR TRANS													
WW Dollars													
WW Units													
WW ASP													
C6 - BIPOLAR GEN PUR PTR MODULE													
WW Dollars													
WW Units													
WW ASP													
C7 - FIELD EFFECT GEN PURP TRANS													
WW Dollars													
WW Units													
WW ASP													
<b>World-Wide Detail By Subproduct Classification</b>	<hr style="border-top: 1px dashed black;"/>												
C7a - LOW VOLTAGE <200v													
WW Dollars													
WW Units													
WW ASP													
C7b - HIGH VOLTAGE >200v													
WW Dollars													
WW Units													
WW ASP													
C8 - FIELD EFF GEN PUR PTR MODULE													
WW Dollars													
WW Units													
WW ASP													
C9 - INSUL GATE BP TRANS (IGBT)													
WW Dollars													
WW Units													
WW ASP													
C10 - INSUL GATE BP TRANS MODULE													
WW Dollars													
WW Units													
WW ASP													

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	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	To Date
D99 - RECTIFIERS													
Americas													
Europe													
Japan													
Asia Pacific													
WW Dollars													
WW Units													
WW ASP													
<b>World-Wide Detail By Subproduct Classification</b>													
D1 - RECTIFIERS, 0.5 - 3.0 AMPS													
WW Dollars													
WW Units													
WW ASP													
D2 - RECTIFIERS, 3.1 - 35 AMPS													
WW Dollars													
WW Units													
WW ASP													
D3 - RECTIFIERS, ABOVE 35 AMPS													
WW Dollars													
WW Units													
WW ASP													
E99 - THYRISTORS													
Americas													
Europe													
Japan													
Asia Pacific													
WW Dollars													
WW Units													
WW ASP													
<b>World-Wide Detail By Subproduct Classification</b>													
E1 - THYRISTORS, 0 - 55 AMPS													
WW Dollars													
WW Units													
WW ASP													
E2 - THYRISTORS, ABOVE 55 AMPS													
WW Dollars													
WW Units													
WW ASP													

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**Billings - 000's Omitted**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	To Date
G99 - ALL OTHER DISCRETES													
Americas													
Europe													
Japan													
Asia Pacific													
WW Dollars													
WW Units													
WW ASP													
S3 - TOTAL DISCRETES													
Americas													
Europe													
Japan													
Asia Pacific													
WW Dollars													
WW Units													
WW ASP													
Americas Units													
Europe Units													
Japan Units													
Asia Pacific Units													

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**Billings - 000's Omitted**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	To Date
<b>F99 - OPTOELECTRONICS</b>													
Americas													
Europe													
Japan													
Asia Pacific													
WW Dollars													
WW Units													
WW ASP													
Americas Units													
Europe Units													
Japan Units													
Asia Pacific Units													
<b>F1 - DISPLAYS</b>													
Americas													
Europe													
Japan													
Asia Pacific													
WW Dollars													
WW Units													
WW ASP													
<b>F2 - LAMPS</b>													
Americas													
Europe													
Japan													
Asia Pacific													
WW Dollars													
WW Units													
WW ASP													
<b>F3 - COUPLERS</b>													
Americas													
Europe													
Japan													
Asia Pacific													
WW Dollars													
WW Units													
WW ASP													

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**Billings - 000's Omitted**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	To Date
F5 - CCD & OTHER IMAGE SENSORS Americas Europe Japan Asia Pacific WW Dollars WW Units WW ASP													
F6 - OTHER OPTOELECTRONICS Americas Europe Japan Asia Pacific WW Dollars WW Units WW ASP													
F7 - INFRARED Americas Europe Japan Asia Pacific WW Dollars WW Units WW ASP													
F8 - LASER PICKUP Americas Europe Japan Asia Pacific WW Dollars WW Units WW ASP													
F9 - LASER TRANSMITTER Americas Europe Japan Asia Pacific WW Dollars WW Units WW ASP													

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 Billings - 000's Omitted

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	To Date
H99 - TOTAL SENSORS & ACTUATORS													
Americas													
Europe													
Japan													
Asia Pacific													
WW Dollars													
WW Units													
WW ASP													
Americas Units													
Europe Units													
Japan Units													
Asia Pacific Units													
<b>World-Wide Detail By Subproduct Classification</b>													
H1 - TEMPERATURE SENSORS													
WW Dollars													
WW Units													
WW ASP													
H2 - PRESSURE SENSORS													
WW Dollars													
WW Units													
WW ASP													
H3 - ACCEL & YAW RATE SENSORS													
WW Dollars													
WW Units													
WW ASP													
H4 - MAGNETIC FIELD SENSORS													
WW Dollars													
WW Units													
WW ASP													
H5 - OTHER SENSORS													
WW Dollars													
WW Units													
WW ASP													
H6 - TOTAL ACTUATORS													
WW Dollars													
WW Units													
WW ASP													

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**Billings - 000's Omitted**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	To Date
J99 - TOTAL ANALOG Americas Europe Japan Asia Pacific WW Dollars WW Units WW ASP													
J0 - STANDARD LINEAR Americas Europe Japan Asia Pacific WW Dollars WW Units WW ASP													
J1 - AMPLIFIERS Americas Europe Japan Asia Pacific WW Dollars WW Units WW ASP													
J4 - INTERFACE Americas Europe Japan Asia Pacific WW Dollars WW Units WW ASP													

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	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	To Date
J6 - VOLTAGE REGULATORS & REF Americas Europe Japan Asia Pacific WW Dollars WW Units WW ASP													
<b>World-Wide Detail By Subproduct Classification</b>	<hr style="border-top: 1px dashed black;"/>												
J6a - LINEAR VOLTAGE REGULATOR WW Dollars WW Units WW ASP													
J6b - SWITCHING VOLTAGE REGULATOR WW Dollars WW Units WW ASP													
J6c - VOLTAGE REFERENCE & OTHER WW Dollars WW Units WW ASP													
J7 - DATA CONVERSION CIRCUITS Americas Europe Japan Asia Pacific WW Dollars WW Units WW ASP													
J8 - COMPARATORS Americas Europe Japan Asia Pacific WW Dollars WW Units WW ASP													

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 Billings - 000's Omitted

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	To Date
JA - APPLICATION SPECIFIC ANALOG Americas Europe Japan Asia Pacific WW Dollars WW Units WW ASP													
JB - CONSUMER Americas Europe Japan Asia Pacific WW Dollars WW Units WW ASP <b>World-Wide Detail By Subproduct Classification</b>													
JBa - AUDIO/VIDEO WW Dollars WW Units WW ASP Jbb - OTHER CONSUMER WW Dollars WW Units WW ASP													
JC - COMPUTER & PERIPHERALS Americas Europe Japan Asia Pacific WW Dollars WW Units WW ASP <b>World-Wide Detail By Subproduct Classification</b>													
JCc - COMPUTER SYSTEMS WW Dollars WW Units WW ASP Jcd - STORAGE WW Dollars WW Units WW ASP Jce - OTHER PERIPHERALS WW Dollars WW Units WW ASP													

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**Billings - 000's Omitted**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	To Date
JD - COMMUNICATION													
Americas													
Europe													
Japan													
Asia Pacific													
WW Dollars													
WW Units													
WW ASP													
<b>World-Wide Detail By Subproduct Classification</b>													
JDa - WIRELESS COMM, CELLULAR PHONE													
WW Dollars													
WW Units													
WW ASP													
JDb - WIRELESS COMM, INFRASTRUCTURE													
WW Dollars													
WW Units													
WW ASP													
JDc - WIRELESS COMM, SHORT RANGE													
WW Dollars													
WW Units													
WW ASP													
JDd - WIRELESS COMM, ALL OTHER													
WW Dollars													
WW Units													
WW ASP													
JDe - WIRED COMMUNICATION													
WW Dollars													
WW Units													
WW ASP													
JE - AUTOMOTIVE													
Americas													
Europe													
Japan													
Asia Pacific													
WW Dollars													
WW Units													
WW ASP													

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**Billings - 000's Omitted**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	To Date
JF - MULTIPURPOSE & OTHERS													
Americas													
Europe													
Japan													
Asia Pacific													
WW Dollars													
WW Units													
WW ASP													
<b>World-Wide Detail By Subproduct Classification</b>													
JFa - ALL OTHER MULTIPURPOSE & OTHER													
WW Dollars													
WW Units													
WW ASP													
JFb - RFID TRANSPONDER ICs - UHF & HIGHER FREQ													
WW Dollars													
WW Units													
WW ASP													
JFc - RFID TRANSPONDER ICs - LF & HF													
WW Dollars													
WW Units													
WW ASP													

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	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	To Date
P99 - TOTAL MOS MICRO													
Americas													
Europe													
Japan													
Asia Pacific													
WW Dollars													
WW Units													
WW ASP													
P1 - MOS MPU													
Americas													
Europe													
Japan													
Asia Pacific													
WW Dollars													
WW Units													
WW ASP													
<b>World-Wide Detail By Subproduct Classification</b>													
P1a - 8 BIT													
WW Dollars													
WW Units													
WW ASP													
P1b - 16 BIT													
WW Dollars													
WW Units													
WW ASP													
P1f - 32 BIT OR GREATER													
WW Dollars													
WW Units													
WW ASP													

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	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	To Date
P2 - MOS MCU													
Americas													
Europe													
Japan													
Asia Pacific													
WW Dollars													
WW Units													
WW ASP													
<b>World-Wide Detail By Subproduct Classification</b>	<hr style="border-top: 1px dashed black;"/>												
P2a - 4 BIT													
WW Dollars													
WW Units													
WW ASP													
P2b - 8 BIT													
WW Dollars													
WW Units													
WW ASP													
P2c - 16 BIT													
WW Dollars													
WW Units													
WW ASP													
P2e - 32 BIT OR GREATER													
WW Dollars													
WW Units													
WW ASP													
<b>For Info Only - World-Wide Detail By Application (P2m - P2z)</b>	<hr style="border-top: 1px dashed black;"/>												
P2m - CONSUMER *													
WW Dollars													
WW Units													
WW ASP													
P2n - COMPUTER & PERIPHERALS *													
WW Dollars													
WW Units													
WW ASP													
<b>For Info Only - World-Wide Detail By Subproduct Application</b>	<hr style="border-top: 1px dashed black;"/>												
P2j - COMPUTER SYSTEMS													
WW Dollars													
WW Units													
WW ASP													
P2k - STORAGE													
WW Dollars													
WW Units													
WW ASP													
P2l - OTHER PERIPHERALS													
WW Dollars													
WW Units													
WW ASP													

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	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	To Date
P2o - WIRELESS COMM CELLULAR PHONE *													
WW Dollars													
WW Units													
WW ASP													
P2p - WIRELESS COMM, INFRASTRUCTURE *													
WW Dollars													
WW Units													
WW ASP													
P2q - WIRELESS COMM, SHORT RANGE *													
WW Dollars													
WW Units													
WW ASP													
P2r - WIRELESS COMM, ALL OTHER *													
WW Dollars													
WW Units													
WW ASP													
P2s - WIRED COMMUNICATION *													
WW Dollars													
WW Units													
WW ASP													
P2t - AUTOMOTIVE *													
WW Dollars													
WW Units													
WW ASP													
P2u - ALL OTHER IC CARD *													
WW Dollars													
WW Units													
WW ASP													
P2v - CONTACTLESS (RF) IC CARD *													
WW Dollars													
WW Units													
WW ASP													
P2z - MULTIPURPOSE & OTHER													
WW Dollars													
WW Units													
WW ASP													

\* Sum of P2m through P2z must also equal P2

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	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	To Date
P4 - MOS DIGITAL SIGNAL PROCESSOR													
Americas													
Europe													
Japan													
Asia Pacific													
WW Dollars													
WW Units													
WW ASP													
<b>World-Wide Detail By Subproduct Classification</b>													
P4a - CONSUMER													
WW Dollars													
WW Units													
WW ASP													
P4b - COMPUTER & PERIPHERALS													
WW Dollars													
WW Units													
WW ASP													
<b>World-Wide Detail By Subproduct Classification</b>													
P4j - COMPUTER SYSTEMS													
WW Dollars													
WW Units													
WW ASP													
P4k - STORAGE													
WW Dollars													
WW Units													
WW ASP													
P4l - OTHER PERIPHERALS													
WW Dollars													
WW Units													
WW ASP													

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	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	To Date
P4c - WIRELESS COMM, CELLULAR PHONE													
WW Dollars													
WW Units													
WW ASP													
P4d - WIRELESS COMM, INFRASTRUCTURE													
WW Dollars													
WW Units													
WW ASP													
P4e - WIRELESS COMM, SHORT RANGE													
WW Dollars													
WW Units													
WW ASP													
P4f - WIRELESS COMM, ALL OTHER													
WW Dollars													
WW Units													
WW ASP													
P4g - WIRED COMMUNICATION													
WW Dollars													
WW Units													
WW ASP													
P4h - AUTOMOTIVE													
WW Dollars													
WW Units													
WW ASP													
P4j - MULTIPURPOSE & OTHER													
WW Dollars													
WW Units													
WW ASP													

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**Billings - 000's Omitted**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	To Date
L99 - TOTAL LOGIC Americas Europe Japan Asia Pacific WW Dollars WW Units WW ASP													
LS - LOGIC, STANDARD Americas Europe Japan Asia Pacific WW Dollars WW Units WW ASP													
L1 - DIGITAL BIPOLAR Americas Europe Japan Asia Pacific WW Dollars WW Units WW ASP													
<b>World-Wide Detail By Subproduct Classification</b>													
L1a - GENERAL PURPOSE LOGIC - ECL WW Dollars WW Units WW ASP													
L1b - GP LOGIC - SCHOTTKY/OTHER WW Dollars WW Units WW ASP													
L1c - G/A & STANDARD CELL & OTHER WW Dollars WW Units WW ASP													

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	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	To Date
L2a - MOS GENERAL PURPOSE LOGIC Americas Europe Japan Asia Pacific WW Dollars WW Units WW ASP													
L2b - MOS GATE ARRAYS Americas Europe Japan Asia Pacific WW Dollars WW Units WW ASP													
L2c - MOS STANDARD CELLS AND FPLDs Americas Europe Japan Asia Pacific WW Dollars WW Units WW ASP													
<b>World-Wide Detail By Subproduct Classification</b>													
L2e - CONSUMER WW Dollars WW Units WW ASP													
L2f - COMPUTER & PERIPHERALS WW Dollars WW Units WW ASP													
L2g - WIRELESS COMMUNICATION WW Dollars WW Units WW ASP													
L2h - WIRED COMMUNICATION WW Dollars WW Units WW ASP													
L2i - AUTOMOTIVE WW Dollars WW Units WW ASP													
L2j - MULTIPURPOSE & OTHER or UNKNOWN WW Dollars WW Units WW ASP													

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World Semiconductor Trade Statistics - 2006  
 Billings - 000's Omitted

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	To Date
L3 - MOS DISPLAY DRIVERS													
Americas													
Europe													
Japan													
Asia Pacific													
WW Dollars													
WW Units													
WW ASP													
<b>World-Wide Detail By Subproduct Classification</b>													
L3a - DRIVER FOR LARGE SIZED LCD													
WW Dollars													
WW Units													
WW ASP													
L3b - DRIVER FOR MOBILE PHONE DISPLAY													
WW Dollars													
WW Units													
WW ASP													
L3c - OTHER DISPLAY DRIVERS													
WW Dollars													
WW Units													
WW ASP													

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**World Semiconductor Trade Statistics - 2006**  
**Billings - 000's Omitted**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	To Date
LA - MOS SPECIAL PURPOSE LOGIC													
Americas													
Europe													
Japan													
Asia Pacific													
WW Dollars													
WW Units													
WW ASP													
L5 - CONSUMER													
Americas													
Europe													
Japan													
Asia Pacific													
WW Dollars													
WW Units													
WW ASP													
<b>World-Wide Detail By Subproduct Classification</b>													
L5a - AUDIO/VIDEO													
WW Dollars													
WW Units													
WW ASP													
L5b - OTHER CONSUMER													
WW Dollars													
WW Units													
WW ASP													

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World Semiconductor Trade Statistics - 2006  
 Billings - 000's Omitted

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	To Date
L6 - COMPUTER & PERIPHERALS													
Americas													
Europe													
Japan													
Asia Pacific													
WW Dollars													
WW Units													
WW ASP													
<b>World-Wide Detail By Subproduct Classification</b>													
L6g - COMPUTER SYSTEMS													
WW Dollars													
WW Units													
WW ASP													
L6h - STORAGE													
WW Dollars													
WW Units													
WW ASP													
L6i - OTHER PERIPHERALS													
WW Dollars													
WW Units													
WW ASP													
L7 - COMMUNICATION													
Americas													
Europe													
Japan													
Asia Pacific													
WW Dollars													
WW Units													
WW ASP													
<b>World-Wide Detail By Subproduct Classification</b>													
L7a - WIRELESS COMM, CELLULAR PHONE													
WW Dollars													
WW Units													
WW ASP													
L7b - WIRELESS COMM, INFRASTRUCTURE													
WW Dollars													
WW Units													
WW ASP													
L7c - WIRELESS COMM, SHORT RANGE													
WW Dollars													
WW Units													
WW ASP													
L7d - WIRELESS COMM, ALL OTHER													
WW Dollars													
WW Units													
WW ASP													
L7e - WIRED COMMUNICATION													
WW Dollars													
WW Units													
WW ASP													

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**World Semiconductor Trade Statistics - 2006**  
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	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	To Date
L8 - AUTOMOTIVE													
Americas													
Europe													
Japan													
Asia Pacific													
WW Dollars													
WW Units													
WW ASP													
L9 - MULTIPURPOSE & OTHER													
Americas													
Europe													
Japan													
Asia Pacific													
WW Dollars													
WW Units													
WW ASP													

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World Semiconductor Trade Statistics - 2006  
 Billings - 000's Omitted

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	To Date
M99 - TOTAL MOS MEMORY													
Americas													
Europe													
Japan													
Asia Pacific													
WW Dollars													
WW Units													
WW ASP													
M1 - TOTAL MOS DRAM													
Americas													
Europe													
Japan													
Asia Pacific													
WW Dollars													
WW Units													
WW ASP													
<b>World-Wide Detail By Subproduct Classification</b>													
M1f - 16 MEGABIT & LESS													
WW Units													
M1g - 64 MEGABIT & LESS (>16Mb)													
WW Units													
M1h - 128 MEGABIT & LESS (>64Mb)													
WW Units													
M1j - 256 MEGABIT & LESS (>128Mb)													
WW Units													
M1k - 512 MEGABIT & LESS (>256Mb)													
WW Units													
M1m - GREATER THAN 512 MEGABIT													
WW Units													

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**World Semiconductor Trade Statistics - 2006**  
**Billings - 000's Omitted**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	To Date
M2 - TOTAL MOS SRAM													
Americas													
Europe													
Japan													
Asia Pacific													
WW Dollars													
WW Units													
WW ASP													
<b>World-Wide Detail By Subproduct Classification</b>													
M2f - 2 MEGABIT & LESS (>1Mb) 30ns & >													
WW Units													
M2m - 4 MEGABIT & LESS (>2Mb) 30ns & >													
WW Units													
M2o - GREATER THAN 4 MEGABIT 30ns & >													
WW Units													
M2k - 2 MEGABIT & LESS < than 30ns													
WW Units													
M2n - 4 MEGABIT & LESS (>2Mb) < than 30ns													
WW Units													
M2p - GREATER THAN 4 MEGABIT < than 30ns													
WW Units													
M2r - 16 MEGABIT & LESS Pseudo SRAM													
WW Units													
M2s - 32 MEGABIT & LESS (>16Mb) Pseudo SRAM													
WW Units													
M2t - GREATER THAN 32 MEGABIT Pseudo SRAM													
WW Units													
M3 - MOS MASK PROM													
Americas													
Europe													
Japan													
Asia Pacific													
WW Dollars													
WW Units													
WW ASP													
M5 - MOS EPROM													
Americas													
Europe													
Japan													
Asia Pacific													
WW Dollars													
WW Units													
WW ASP													

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**World Semiconductor Trade Statistics - 2006**  
**Billings - 000's Omitted**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	To Date
M7 - TOTAL FLASH MEMORY Americas Europe Japan Asia Pacific WW Dollars WW Units WW ASP													
M7A - TOTAL NOR FLASH MEMORY Americas Europe Japan Asia Pacific WW Dollars WW Units WW ASP <b>World-Wide Detail By Subproduct Classification</b>													
M7a - 2 Mb & LESS NOR-Type WW Units M7b - 4 Mb & LESS (>2Mb) NOR-Type WW Units M7c - 8 Mb & LESS (>4Mb) NOR-Type WW Units M7d - 16 Mb & LESS (>8Mb) NOR-Type WW Units M7e - 32 Mb & LESS (>16Mb) NOR-Type WW Units M7f - 64 Mb & LESS (>32Mb) NOR-Type WW Units M7g - 128 Mb & LESS (>64Mb) NOR-Type WW Units M7h - GREATER THAN 128 Mb NOR-Type WW Units													
M7B - TOTAL NAND FLASH MEMORY Americas Europe Japan Asia Pacific WW Dollars WW Units WW ASP <b>World-Wide Detail By Subproduct Classification</b>													
M7i - 128 Mb & LESS NAND-Type WW Units M7j - 256 Mb & LESS (>128Mb) NAND-Type WW Units M7k - 512 Mb & LESS (>256Mb) NAND-Type WW Units M7l - 1 GIGABIT & LESS (>512Mb) NAND-Type WW Units M7m - GREATER THAN 1 GIGABIT NAND-Type WW Units													

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World Semiconductor Trade Statistics - 2006  
 Billings - 000's Omitted

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	To Date
M6 - TOTAL OTHER MEMORY													
Americas													
Europe													
Japan													
Asia Pacific													
WW Dollars													
WW Units													
WW ASP													
<b>World-Wide Detail By Subproduct Classification</b>													
M6a - ALL OTHER MEMORIES													
WW Dollars													
WW Units													
WW ASP													
M6b - ALL OTHER MEMORY IC CARD													
WW Dollars													
WW Units													
WW ASP													
M6c - CONTACTLESS (RF) MEMORY IC CARD													
WW Dollars													
WW Units													
WW ASP													

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World Semiconductor Trade Statistics - 2006  
Billings - 000's Omitted

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	To Date
S2 - TOTAL MONOLITHIC INTEG CIRC													
Americas													
Europe													
Japan													
Asia Pacific													
WW Dollars													
WW Units													
WW ASP													
Americas Units													
Europe Units													
Japan Units													
Asia Pacific Units													
Q99 - TOTAL APPL SPEC IC (JA, P2, P4, L2c, LA)													
Americas													
Europe													
Japan													
Asia Pacific													
WW Dollars													
WW Units													
WW ASP													
<b>World-Wide Detail By Subproduct Classification</b>													
Q1 - CONSUMER (JB, P2m, P4a, L2e, L5)													
WW Dollars													
WW Units													
WW ASP													
Q2 - COMP & PERIPH (JC, P2n, P4b, L2f, L6)													
WW Dollars													
WW Units													
WW ASP													
Q3a - WIRELESS COMMUNICATION (see **Note)													
WW Dollars													
WW Units													
WW ASP													
Q3b - WIRED COMM (JDe, P2s, P4g, L2h, L7e)													
WW Dollars													
WW Units													
WW ASP													
Q4 - AUTOMOTIVE (JE, P2t, P4h, L2i, L8)													
WW Dollars													
WW Units													
WW ASP													
Q5 - IC CARD (P2u, P2v)													
WW Dollars													
WW Units													
WW ASP													
Q6 - MULTIPURP & OTHER (JF, P2z, P4i, L2j, L9)													
WW Dollars													
WW Units													
WW ASP													

\*\* Note Category Q3a includes: JDa, JDb, JDc, JDd, P2o, P2p, P2q, P2r, P4c, P4d, P4e, P4f, L2g, L7a, L7b, L7c and L7d

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**World Semiconductor Trade Statistics - 2006**  
**Billings - 000's Omitted**

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	To Date
T99 - TOTAL SEMICONDUCTOR													
Americas													
Europe													
Japan													
Asia Pacific													
WW Dollars													
WW Units													
WW ASP													
Americas Units													
Europe Units													
Japan Units													
Asia Pacific Units													
<hr/>													
<b>Japanese Exchange Rates</b>													
	<b>Month***</b>												
	<b>YTD**</b>												
<b>***Monthly exchange rates (yen/dollar)</b> <b>used by ASG Audit Corporation</b> <b>in calculating Japanese shipments</b>													
<b>Euro Rates</b>													
	<b>Month****</b>												
	<b>YTD****</b>												
<b>****Based on the average of the</b> <b>Friday Euro rates each month</b>													
<hr/>													
Worldwide Sales (3 Month Totals)													
000's Omitted													
			1st QTR			2nd QTR			3rd QTR			4th QTR	
A99 - DIODES													
B99 - SMALL SIGNAL TRANSISTORS													
C99 - POWER TRANSISTORS													
D99 - RECTIFIERS													
E99 - THYRISTORS													
G99 - ALL OTHER DISCRETES													
F99 - OPTOELECTRONICS													
H99 - SENSORS AND ACTUATORS													
S3 - TOTAL DISCRETE, OPTO & SENSORS													
J99 - TOTAL ANALOG													
P99 - TOTAL MOS MICRO													
L99 - TOTAL LOGIC (MOS AND BIPOLAR)													
M99 - TOTAL MOS MEMORY													
S2 - TOTAL ICs													
T99 - TOTAL SEMICONDUCTOR													

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