

GLOBAL ELECTRONICS INFORMATION NEWSLETTER

Issue No. 27

December, 1982

SEMI TRADE STATS

In July, 1982 the U.S. International Trade Commission released its "Summary of Trade and Tariff Information: Semiconductors," (Publication 841; Control No. 6-5-22), providing detailed data on U.S. imports and exports of chips and other semiconductors. The ITC reported that 112 firms, operating about 545 establishments, produced semiconductors in the U.S. in 1981, compared to 49 firms at 325 sites in 1972. 61 firms manufactured discrete semiconductors (diodes and transistors). 108 companies made integrated circuits (IC's).

Nationwide semiconductor employment - this does not include employees producing other products at semiconductor manufacturing companies - reached 204,000 in 1981, compared to 114,000 in 1977 and 97,600 in 1972. Production workers accounted for 53% in 1981, 56% in 1977, and 60% in 1972.

In 1981, the U.S. imported \$3,582,026,000 worth of semiconductors. 78.3% were imported under items 806.30 and 807.00 of the tariff code (see Newsletter No. 25). That 78.3% broke down into a 52.7% share imported duty-free because components or materials originated in the U.S. and 25.6%, representing foreign value added, upon which duties were charged. Of the remaining 21.7% in genuine imports (goods originating outside the U.S.), 11.1% came from Japan.

1981 Semiconductor Trade (US\$ millions)

	Shipments	Exports	Imports	Apparent Consumption
All semis	9,672	3,584	3,582	9,670
Discretes	1,838	806	484	1,516
IC's	7,833	2778	3,081	8,137

1981 Imports by Country (US\$ millions)

Source	All Semis	Discretes	IC's
Malaysia	880	75	805
Singapore	593	29	564
Philippines	471	23	448
Japan	398	68	321
So. Korea	238	32	204
Canada	159	10	150
Mexico	149	84	65
Taiwan	131	26	105
Thailand	n.a.	n.a.	108
Hong Kong	n.a.	53	n.a.
W. Germany	n.a.	22	n.a.
Worldwide	3,582	484	3,081

1981 Exports by Country (US\$ millions)

Market	All Semis	Discretes	IC's
Malaysia	726	152	574
Singapore	432	87	345
Philippines	386	79	307
Canada	238	53	186
So. Korea	227	54	174
Mexico	220	79	141
Thailand	185	33	152
W. Germany	181	37	145
Japan	n.a.	n.a.	144
Hong Kong	n.a.	39	n.a.
Worldwide	3,584	806	2778

Notes: "n.a." means that the figures are not included in this particular ITC report; in the report, the import figures for Japan for IC's and discretes do not add up to the total, but there is no explanation; these country figures obviously include, as both imports and exports, U.S.-origin goods that are assembled or processed abroad and re-imported into the U.S. under items 806.30 and 807 of the tariff code.