

16 × 16-Bit Multiplier Comparison

Manufacturer model	Process	Speed NS	Power dissipation	Package	Availability	Price 100s	Special Features
TRW MPY016K	1-micron triple diffused bipolar	45	4W	64-pin DIP 64-lead flat 68-contact CCC	Now	\$114	
AMD 29516	oxide isolated bipolar	50	4W	64 DIP 64 LCC	Now	N/A	Also available 29517 with single clock input
MMI 54/74S556	oxide isolated bipolar	60	4W	84 LCC 88 pin-grid array	1Q84	\$100-120	Has full 32-bit- product output
IDT	Twin-Well CMOS 2.5 micron	75	315 mW	64 DIP 64 Flat 68 LCC	1Q84	\$120	Low Power CMOS needs no heat sink
Analog Devices	N-Well CMOS 5-micron	130	150 mW	64 DIP 64 Flat	Now	\$125	Lowest Power CMOS Part - No heat sink
Weitek	NMOS	140	400	64 DIP 68 LCC	Now	N/A	
TRW TMC21GH	P-well CMOS 2-micron	145	>300	64 DIP 64 Flat 68 LCC	1Q84	\$101	