

# THE WORLD'S CRUNCHIEST CHIPS.



**Nothing crunches numbers faster than the Am29517, Am29501, and Am29540. Nothing.**

Advanced Micro Devices' new Digital Signal Processing family crunches numbers faster than you can say matrix manipulation.

It lets you design array processors that perform parallel arithmetic at speeds never before possible.

It simply cannot be beat for image processing, vector processing, robotics, radar processing, cat scanning, any application that calls for high speed, concurrent computation. And it's bipolar VLSI all the way.

Which means your total system cost will be a lot lower than designing with SSI or MSI.

**Bet you can't buy just one.**

The Am29517 16x16 Multiplier is two and a half times faster than any other multiplier out there. The Am29540 FFT Address Sequencer has clocked a 2 millisecond 1024-point FFT. The Am29501 Multipoint Pipeline Processor is the first arithmetic logic unit built specifically for array processing.

And there are a lot more where these came from: controllers, bipolar and MOS microprocessors, communications circuits, and more.

All meet or exceed INT-STD-123, the International Standard of Quality.

All are designed to put you as far ahead of the competition as we are.

Don't starve the performance out of your next design. Call AMD and ask about our DSP family.

They're the chips that are chewing up the competition.

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## Advanced Micro Devices

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