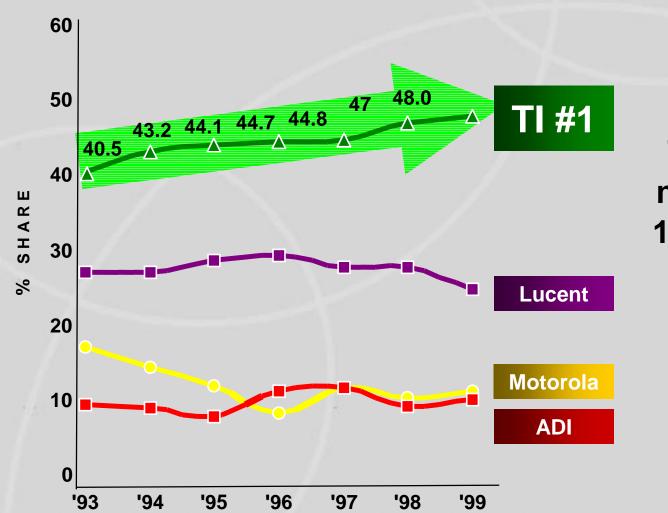


THE WORLD LEADER IN DSP AND ANALOG

TEXAS INSTRUMENTS

We're Extending Our DSP Lead DSP Market Share



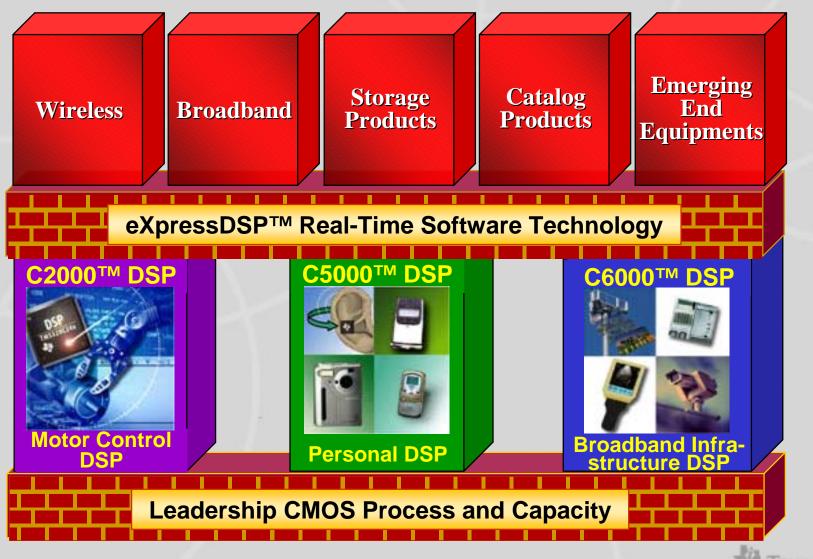
TI gained DSP market share in 1999 for 6th year in a row

Source: Forward Concepts



Strength of TI DSP Foundation Driving Phenomenal Opportunity

DSPS Fest



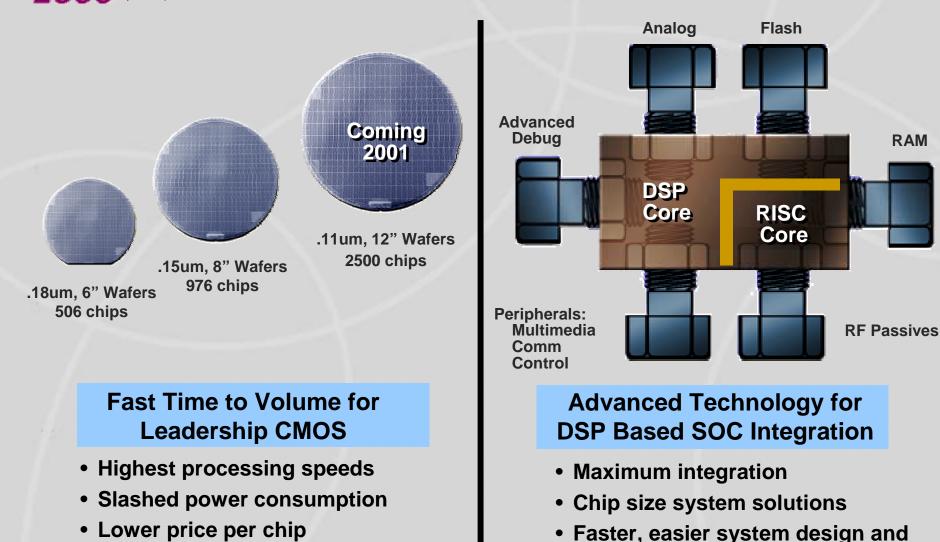
TEXAS

TI SC Manufacturing Focus Matches Internet Age Requirements

PC Era: *uP* + *Memory* Internet Era: DSP+Analog **IS** WAS 1980 1990 2000 2010 High volume, internal FABs High volume, internal FABs First to 10M units First to 100M units Performance Performance, low cost, low power, SOC Trickle down to lower end Quickly exploit major market scale for new markets.



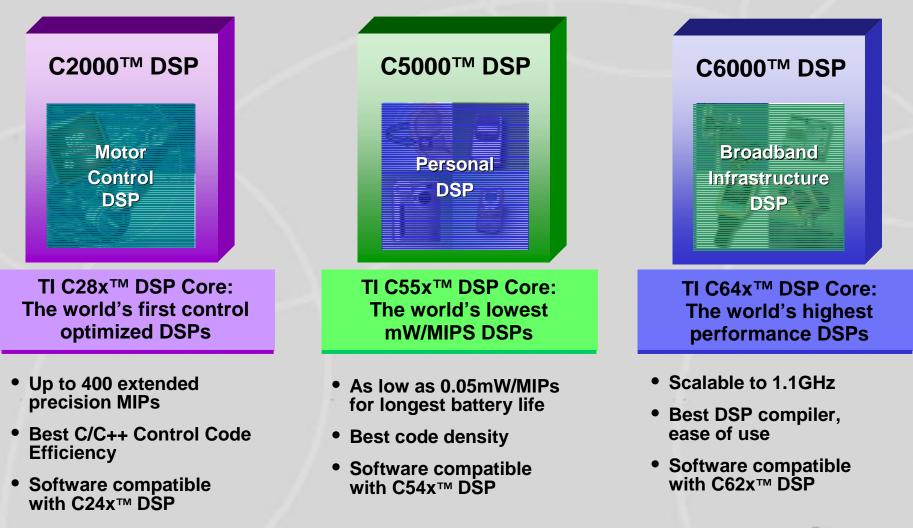
TI Leading the DSP Industry in Manufacturing Muscle & SOC Integration DSPS Fest



debug

- Lower price per chip
- Multiplied manufacturing capacity

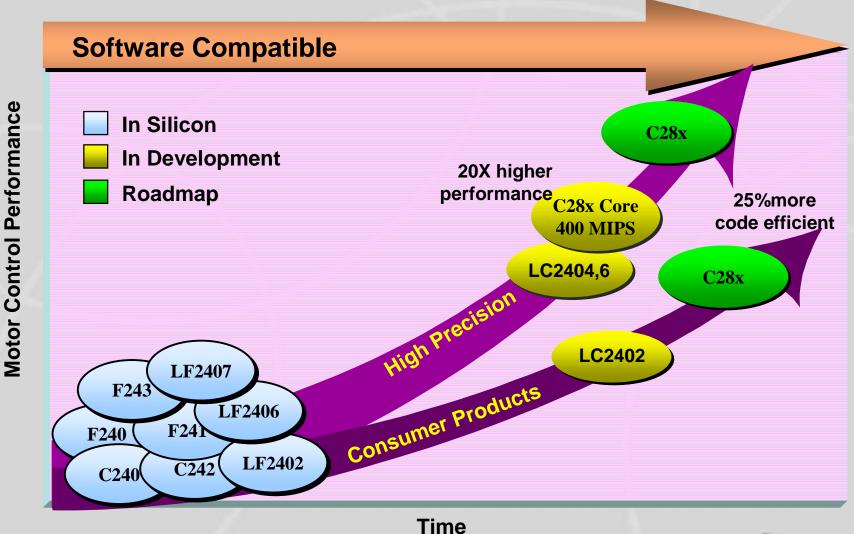
Three DSP Breakthroughs Announced in 2000 Impacting Future of Broadband, Emerging & Mass Markets





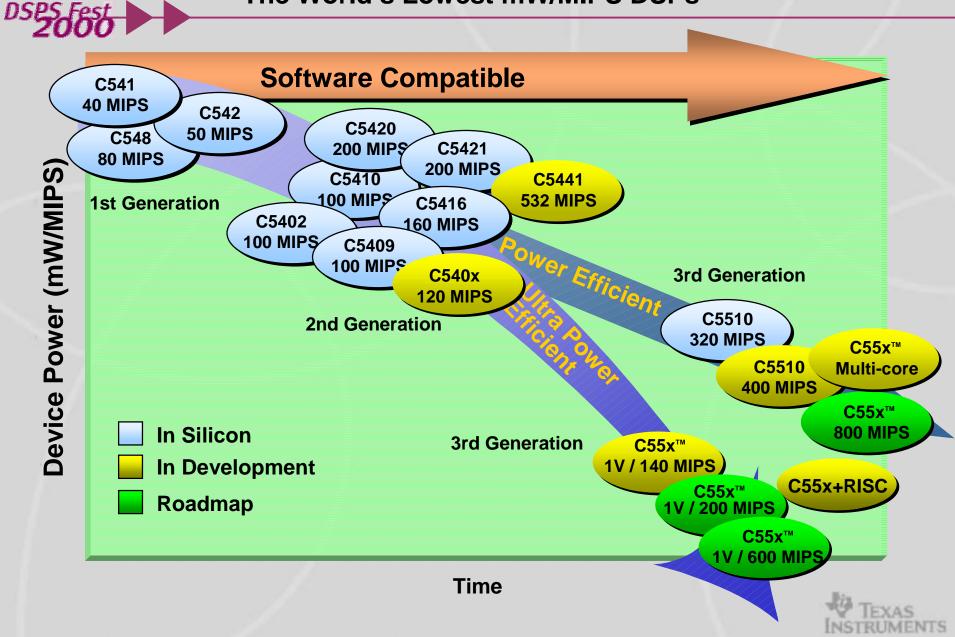
C2000[™] Motor Control DSPs The World's First Control Optimized DSPs

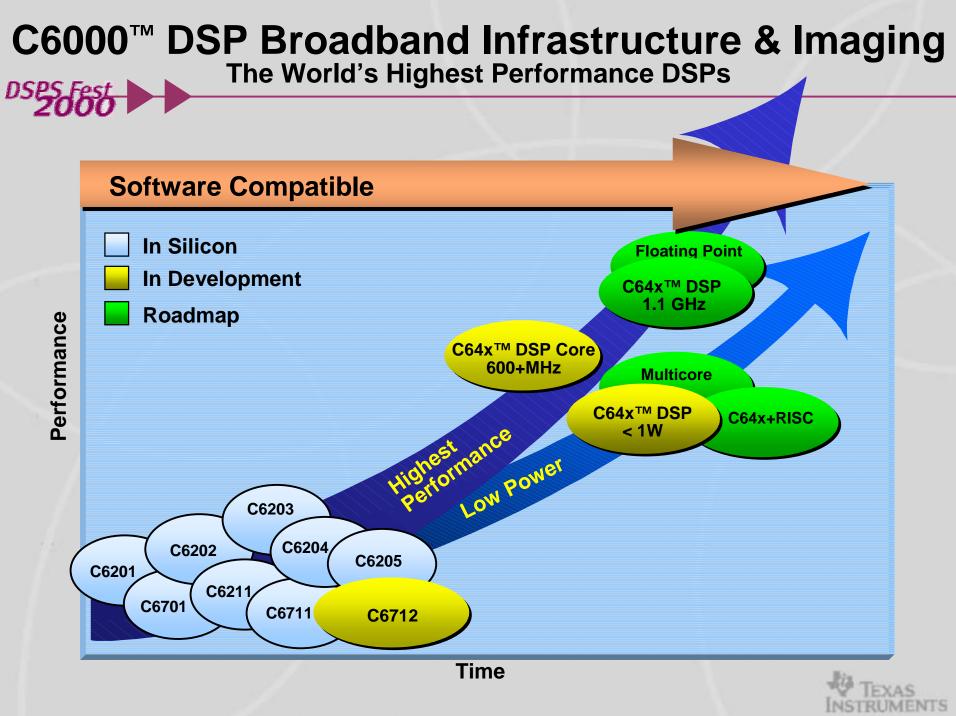
DSPS Fest



TEXAS INSTRUMENTS

C5000[™] Personal DSPs The World's Lowest mW/MIPS DSPs





Award Winning eXpressDSP[™] Real-Time Software Technology

EETIMES

"Tool sets shorten time from algorithm development to silicon"

semiconductor BUSINESS NEWS

"TI offers new kernel, compiler tools to cut DSP development costs, time-to-market"





eXpressDSP[™], an open software-development environment for Texas Instruments DSPs, gives users a real-time make-versus-buy choice for DSP algorithms.



"New real-time DSP tools from TI increase developer productivity -enhanced kernel gives DSP system developers greater flexibility, scalability and ease of implementation"



eXpressDSP[™] Adoption — 2000 Goals

Code Composer Studio

13,000 new seats

DSPS Fest

TMS320[™] DSP Algorithm Standard

250 new compliant algorithms



DSP/BIOS II

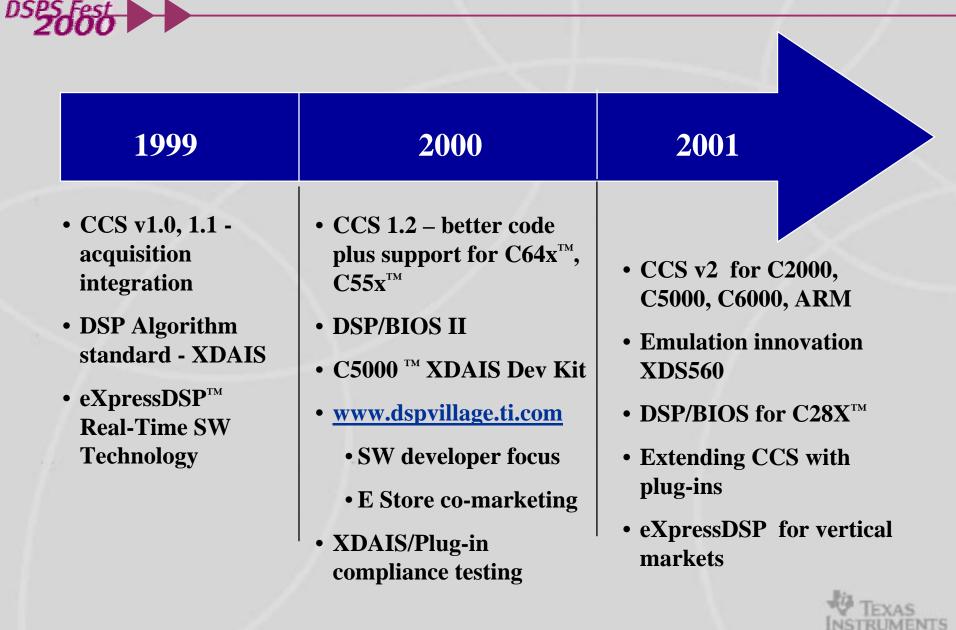
1,500 new sockets

Third Party Network

Win new sockets with eXpressDSP compliant software products

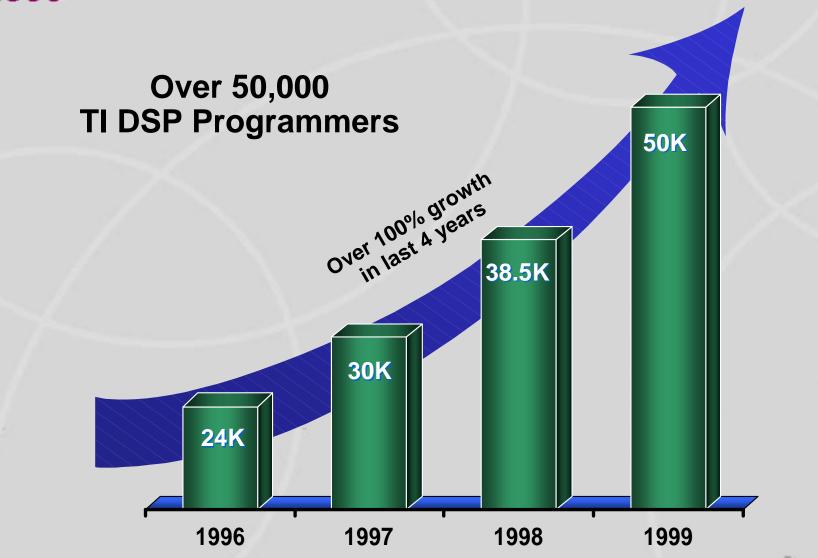


eXpressDSP[™] - Staying Out in Front



Together We're Growing the DSP Software Base

DSPS Fest





TI's Staking a Claim in Broadband

DSL



- Acquired Amati Communications 12/97
- ADSL pioneer

Cable Modems



- Acquired Libit 6/99
- DOCSIS-certified technology

Wireless

- SC wireless leader, >60% share
- Acquiring Dot Wireless
- Acquiring Alantro Communications





Short Distance Wireless



- Acquired Butterfly VLSI 2/99
- Short Distance Wireless pioneer



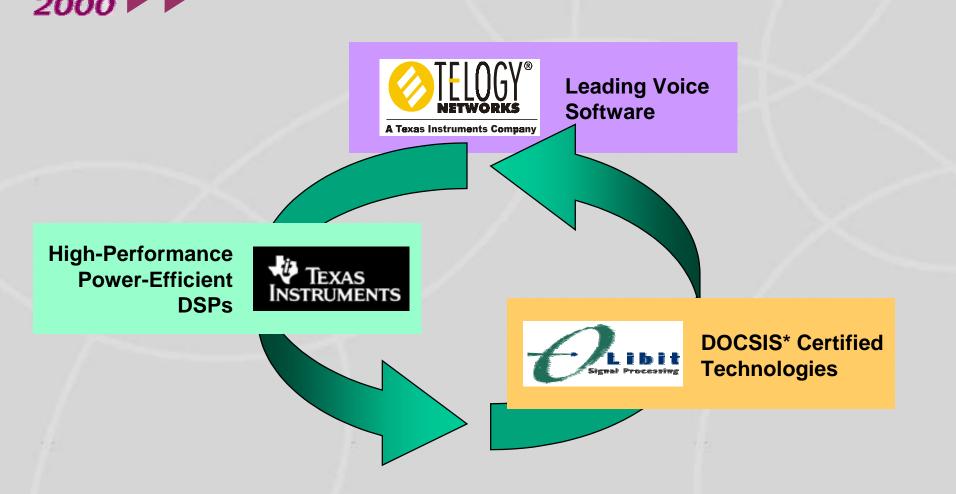
- Acquired Telogy 6/99
- VOP pioneer





TI Offers Complete Cable Modem Solution

DSPS Fest

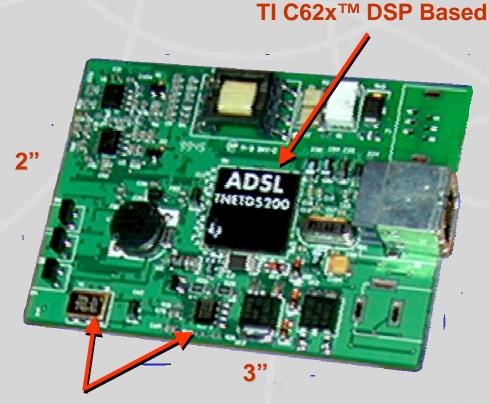


*DOCSIS - Data Over Cable Service Interface Specification



TI Creates Smallest Form Factor ADSL Client Modem

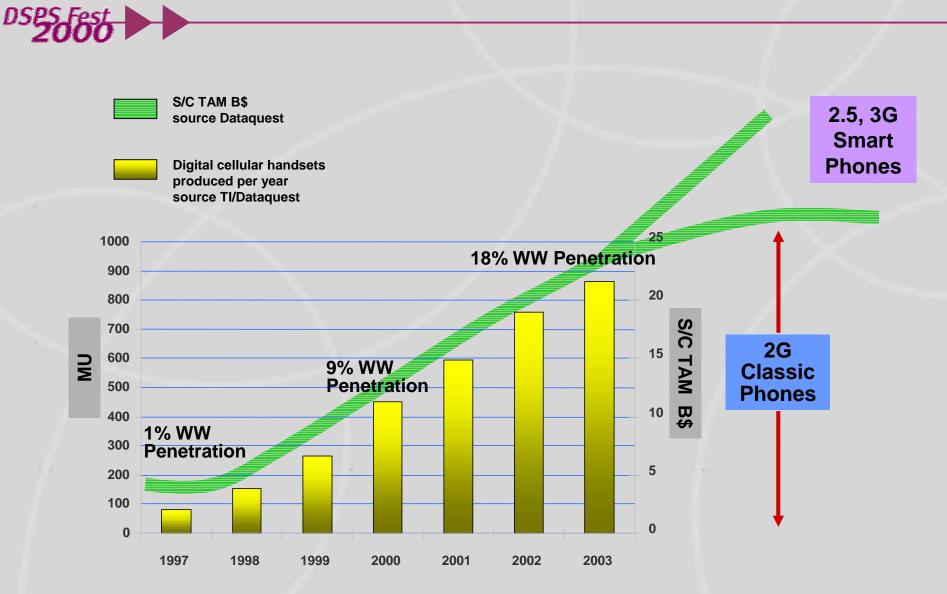
- 4 of 6 leading PC OEMs
- Complete HW/SW solution
- Future-proofed



TI Analog

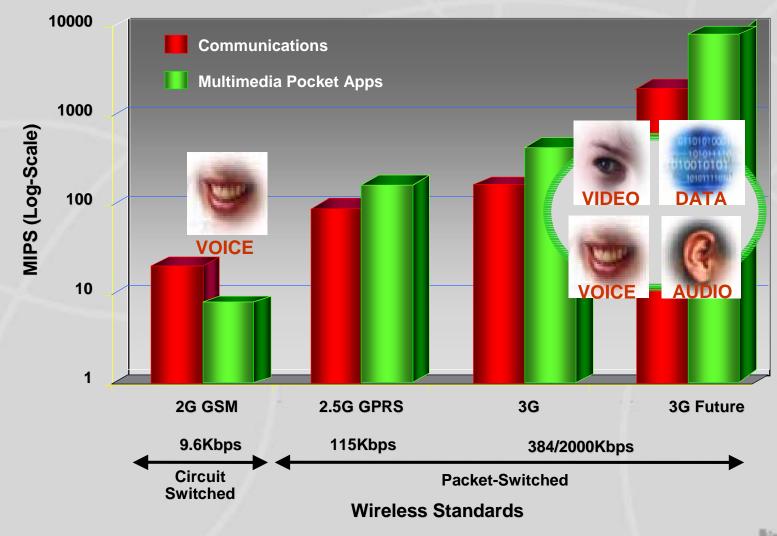


Wireless Market is Booming — TI Leading





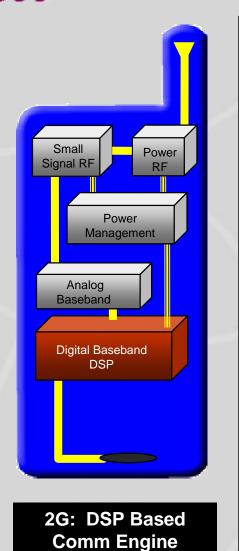
Pocket Internet Accelerating Demand for DSP Performance



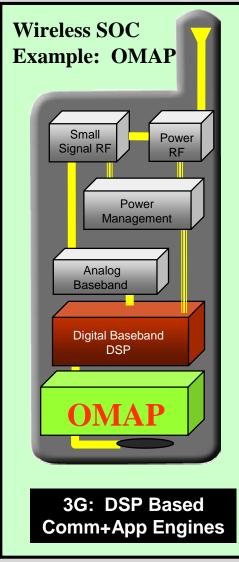


TI Integrated DSP+RISC SOCs

Expanding Our Leadership



DSPS_Fest

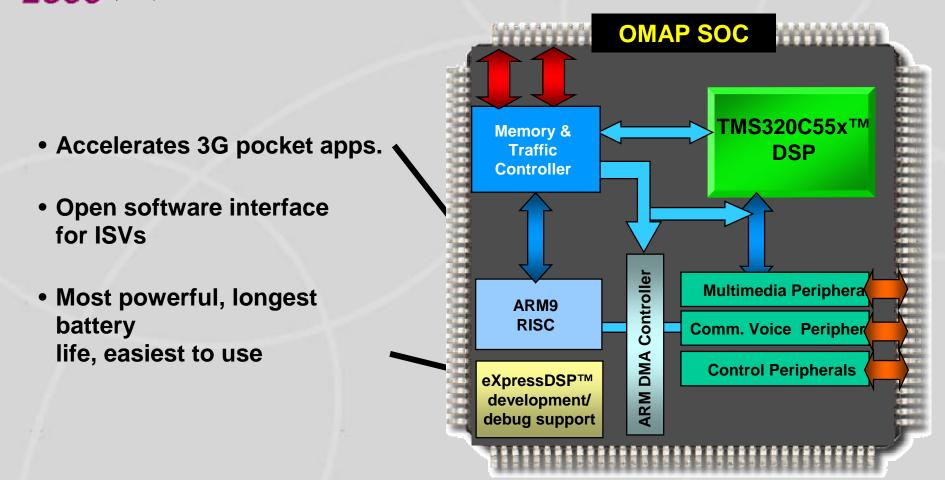


TI DSP + RISC Focus

- Leveraging TI leadership and volume in Wireless and Broadband
- eXpressDSP[™] is the SW foundation
- Evolving TI DSP+RISC combos driven by emerging markets



OMAP Our First Open DSP+RISC Platform



3G: DSP Based Comm+App Engines

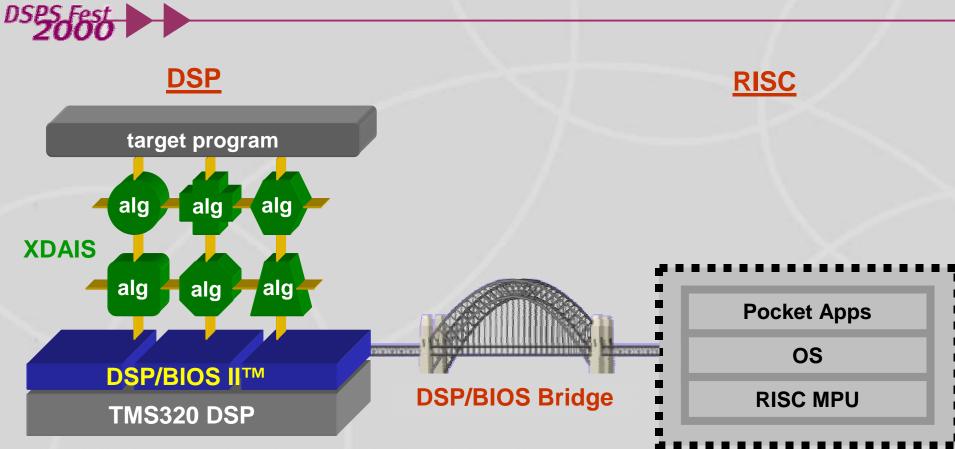


Leading HW/SW OEMs Pick OMAP for 3G Handsets and PDAs



TEXAS INSTRUMENTS

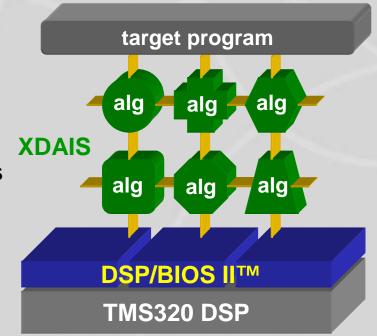
TI DSP+RISC SOCs – Software View



- DSP+RISC SOCs use eXpressDSPTM SW components
- DSP RTOS = DSP/BIOS II
- RISC OS agnostic

Act Today with eXpressDSP[™] for DSP+RISC Opportunity

- Accelerate eXpressDSP[™] Software:
 - DSP/BIOS based target software
 - Availability of XDAIS certified algorithms
 - Join the DSP Village E-Store.
 - Win more TMS320 sockets
- Coming in Q101: OMAP 3rd Party SDK





- The best DSPs
- The best software technology
- The most innovative 3rd parties, universities and **OEMs**
- Huge markets



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