

# MOTOROLA POWERPC™ MICROPROCESSORS

Motorola is the industry leader in 32-bit embedded processors and the PowerPC Architecture™ is Motorola's key architecture for today's and tomorrow's high-performance applications. PowerPC processors are a primary component of DigitalDNA™ — Motorola's intellectual property (IP) and proprietary technologies that provide the differentiating factor — the DNA for customers' digital systems.

PowerPC processors were designed from the beginning to provide processor solutions for applications ranging from networking, telecommunications, computing, transportation, printing and imaging to home entertainment, multimedia, voice and handwriting recognition, and consumer electronics and much more. Since the first MPC505 and PowerPC 601™ processors shipped in 1994, PowerPC processors have earned widespread acceptance in a wide range of markets, with well over 1000 design wins and dozens of industry-leading original equipment manufacturers including 3Com, Apple Computer, Cisco, Ford, Kodak, Lucent, Mercedes Benz, and Nortel Networks.

MOTOROLA POWERPC MARKET FOCUS ▶▶▶											
Applications	EC603e	603e	75x/74x	7400	823	850	855T/860	8240	8260	509	555
Enterprise routers	■	■	■	■		■	■	■	■		
Central office switches	■	■	■	■		■	■	■	■		
Remote access routers (SOHO)						■	■		■		
Primary rate ISDN						■	■		■		
T1 and E1 termination and linecard controllers						■	■		■		
PBX controllers	■	■				■	■	■	■		
ATM linecard controllers						■	■		■		
Cellular base stations	■	■	■	■		■	■	■	■		
Wireless access points						■	■		■		
Small network hubs and switches	■	■				■	■		■		
Cable modems						■	■				
ADSL modems						■	■				
Printers & imaging	■	■	■	■		■	■	■	■		
Speech recognition			■	■	■						
Medical imaging			■	■	■						
Voice over IP			■		■	■	■		■		
Industrial control	■	■	■	■	■	■	■	■	■	■	■
Motor control										■	■
Avionics										■	■
Network computers & thin clients	■	■	■		■	■	■	■	■		
Internet access devices	■	■			■			■			
Home entertainment & educational devices	■	■			■	■	■	■			
PDA's & personal communications					■						
Intelligent phones					■						
Digital cameras					■						
Automotive powertrain					■					■	■
Car navigation systems & global positioning systems (GPS)					■					■	■
Notebook computers		■	■								
Desktop computers		■	■	■							
Workstations & servers			■	■				■			

