	oment Systems Products Supported	Non-RoHS Part No.	RoHS Part No.	DICTV.C/P	Description
Family	<u> </u>		KOHS Part No.		
ИРС82хх	MPC8260/70/80—516 PBGA	PQ2FADS-VR		\$2,995	MPC8260/70/80 Family Application Development System
	MPC8272 Family	MPC8272ADS	MPC8272ADSE	\$2,995	MPC8272 Family Application Development System
	All 82xx	MPC8260ADS-TCOM		\$2,995	MPC8260 T1/T3 Communication Companion Board for ADS
ID000	MDO000 Family		MD00000E MD0 DD	# 4 000	MD00000F Durana Brand (standalana)
PC83xx	MPC832x Family		MPC8323E-MDS-PB	\$1,800	MPC8323E Processor Board (stand alone)
	MPC834x Family		MPC8349EA-MDS-PB	\$1,845	MPC8349E Processor Board (can be stand alone)
	MPC834x Family	MPC8349EA-MDS		\$4,199	PowerQUICC II Pro Family Modular Development System
	MPC836x Family		MPC8360EA-MDS-PB	\$1,400	MPC8360E Processor Board for Rev 2.x Silicon (can be stand alone)
	MPC83xx Family		PQ-MDS-PIBE	\$2,499	MPC83xx/MPC85xx Platform I/O Board
	MPC83xx Family		PQ-MDS-USB	\$349	MPC83xx/MPC85xx USB PMC Card
					MPC8xxx Adaptor for PCI Express
	MPC83xx Family		PQ-MDS-PEXPCI	\$349	· '
	MPC83xx Family		PQ-MDS-T1E	\$1,395	T1, E1 Plug-in Card
	MPC83xx Family	PQ-MDS-QOC3		\$1,495	UAD OC-3 ATM Plug-in Card
	MPC8360		MPC8360E-RDK	\$999	Industrial Protocol Development System (Carrier Board and MPC8360E COM Module) (Rev. 2.1 silic
	MPC8379		MPC8379E-MDS-PB	\$2,900	Modular Development System
	MPC8378		MPC8378E-MDS-PB	\$2,900	Modular Development System
	MPC8377		MPC8377E-MDS-PB	\$2,900	Modular Development System
IPC85xx	MPC8536E		MPC8536DS	\$3,395	PowerQUICC III MPC8536E Development System
. 000	MPC8536E		MPC8536-RDK	\$995	MPC8536E Reference Design Kit (Carrier board and MPC8536E COM module)
	MPC8540		MPC8540ADS-BGAE	\$4,996	PowerQUICC III MPC8540 Application Development System
	MPC8544		MPC8544DS	\$3,395	PowerQUICC III MPC8544 Development System
	MPC8560		MPC8560ADS-BGAE	\$4,996	PowerQUICC III MPC8560 Application Development System
	MPC8555, MPC8541		MPC8555CDS	\$4,996	PowerQUICC III MPC8555 Configurable Development System Supports MPC8555 and MPC8541
	MPC8548, MPC8547,		MPC8548CDS	\$5,499	PowerQUICC III MPC8548 Configurable Development System Supports MPC8548, MPC8547,
	MPC8545, MPC8543				MPC8545 and MPC8543
	MPC8568		MPC8568E-MDS-PB	\$2,495	MPC8568 Processor Board
	MPC8568E		PQ-MDS-T1E	\$1,395	MPC83xx/MPC85xx SLIC SLAC T1/E1 Card
	MPC8568E	PQ-MDS-QOC3		\$1,495	MPC83xx/MPC85xx Quad OC-3 ATM Card
	MPC8569	. 455 4555	MPC8569E-MDS-PB	\$2,995	PowerQUICC III MPC8569E Modular Development System
	MPC8572 (dual core)		MPC8572DS	\$3,995	ATX High-Performance Platform
D000	MPC8610		MCEVALHPCD-8610E	\$3,075	Micro ATX Performance Platform
PC86xx					
	MPC8641D (dual core)		MCEVALHPC-8641D	\$3,999	ATX Performance Platform
	MPC8640D (dual core)		MCEVALHPCN-8641D	\$3,999	ATX Performance Platform
orlQ	P2020/2010		P2020DS-PB	\$3,500	QorlQ P2020/P2010 Development System
	P1021/P1012		P1021-MDS-PB	\$3,395	QorlQ P1021 Modular Development System
Families	P1021/P1012		P2020COME-DS-PB	\$1,449	QorlQ P1021 Development System (COM Express board on carrier card)
	P1022/P1013		P1022DS-PA	\$3,395	QorlQ P1022 Development System
			1 1022DO-1 A		
	P1022/P1013		P1022COME-DS-PB		
	P1022/P1013		P1022COME-DS-PB	\$1,449	QorlQ P1022 Development System (COM Express board on carrier card)
	P4080		P4080DS-PB	\$1,449 \$4,000	QorlQ P1022 Development System (COM Express board on carrier card) QorlQ P4080 Development System
				\$1,449	QorlQ P1022 Development System (COM Express board on carrier card)
amily	P4080		P4080DS-PB	\$1,449 \$4,000	QorlQ P1022 Development System (COM Express board on carrier card) QorlQ P4080 Development System
_{amily} eferen	P4080 P4080 Ce Platforms All MPC82xx	MPC8260ADS-FLASH	P4080DS-PB	\$1,449 \$4,000 \$1,449 \$150	QorlQ P1022 Development System (COM Express board on carrier card) QorlQ P4080 Development System QorlQ P4080 Development System (COM Express board on carrier card) Flash Chip for MPC8260ADS
_{amily} eferen	P4080 P4080 ce Platforms	MPC8260ADS-FLASH MPCRCOP-3V	P4080DS-PB	\$1,449 \$4,000 \$1,449	QorlQ P1022 Development System (COM Express board on carrier card) QorlQ P4080 Development System QorlQ P4080 Development System (COM Express board on carrier card)
eferen IPC82xx	P4080 P4080 Ce Platforms All MPC82xx All MPC82xx		P4080DS-PB P4080COME-DS-PB	\$1,449 \$4,000 \$1,449 \$150 \$500	QorlQ P1022 Development System (COM Express board on carrier card) QorlQ P4080 Development System QorlQ P4080 Development System (COM Express board on carrier card) Flash Chip for MPC8260ADS COP Interface
eferen PC82xx	P4080 P4080 ce Platforms All MPC82xx All MPC82xx MPC8306		P4080DS-PB P4080COME-DS-PB MPC8306-KIT	\$1,449 \$4,000 \$1,449 \$150 \$500	QorlQ P1022 Development System (COM Express board on carrier card) QorlQ P4080 Development System QorlQ P4080 Development System (COM Express board on carrier card) Flash Chip for MPC8260ADS COP Interface Carrier+SOM
eferen PC82xx	P4080 P4080 ce Platforms All MPC82xx All MPC82xx MPC8306 MPC8306		P4080DS-PB P4080COME-DS-PB MPC8306-KIT MPC8306-SOM	\$1,449 \$4,000 \$1,449 \$150 \$500 \$759 \$269	QorlQ P1022 Development System (COM Express board on carrier card) QorlQ P4080 Development System QorlQ P4080 Development System (COM Express board on carrier card) Flash Chip for MPC8260ADS COP Interface Carrier+SOM System on Module
eferen PC82xx	P4080 P4080 ce Platforms All MPC82xx All MPC82xx MPC8306 MPC8306 MPC8306 MPC8308		P4080DS-PB P4080COME-DS-PB MPC8306-KIT MPC8306-SOM MC8308-RDB	\$1,449 \$4,000 \$1,449 \$150 \$500 \$759 \$269 \$299	QorlQ P1022 Development System (COM Express board on carrier card) QorlQ P4080 Development System QorlQ P4080 Development System (COM Express board on carrier card) Flash Chip for MPC8260ADS COP Interface Carrier+SOM System on Module PowerQUICC II Pro Reference Platform
eferen IPC82xx	P4080 P4080 ce Platforms All MPC82xx All MPC82xx MPC8306 MPC8306 MPC8308 MPC8308		P4080DS-PB P4080COME-DS-PB MPC8306-KIT MPC8306-SOM	\$1,449 \$4,000 \$1,449 \$150 \$500 \$759 \$269 \$299 \$789	QorlQ P1022 Development System (COM Express board on carrier card) QorlQ P4080 Development System QorlQ P4080 Development System (COM Express board on carrier card) Flash Chip for MPC8260ADS COP Interface Carrier+SOM System on Module PowerQUICC II Pro Reference Platform Carrier+SOM
eferen IPC82xx	P4080 P4080 ce Platforms All MPC82xx All MPC82xx MPC8306 MPC8306 MPC8306 MPC8308		P4080DS-PB P4080COME-DS-PB MPC8306-KIT MPC8306-SOM MC8308-RDB	\$1,449 \$4,000 \$1,449 \$150 \$500 \$759 \$269 \$299	QorlQ P1022 Development System (COM Express board on carrier card) QorlQ P4080 Development System QorlQ P4080 Development System (COM Express board on carrier card) Flash Chip for MPC8260ADS COP Interface Carrier+SOM System on Module PowerQUICC II Pro Reference Platform
eferen PC82xx	P4080 P4080 ce Platforms All MPC82xx All MPC82xx MPC8306 MPC8306 MPC8308 MPC8308		P4080DS-PB P4080COME-DS-PB MPC8306-KIT MPC8306-SOM MC8308-RDB MPC8308-KIT	\$1,449 \$4,000 \$1,449 \$150 \$500 \$759 \$269 \$299 \$789	QorlQ P1022 Development System (COM Express board on carrier card) QorlQ P4080 Development System QorlQ P4080 Development System (COM Express board on carrier card) Flash Chip for MPC8260ADS COP Interface Carrier+SOM System on Module PowerQUICC II Pro Reference Platform Carrier+SOM
eferen IPC82xx	P4080 P4080 Ce Platforms All MPC82xx All MPC830x MPC8306 MPC8306 MPC8308 MPC8308 MPC8308 MPC8308 MPC8308 MPC8309		P4080DS-PB P4080COME-DS-PB MPC8306-KIT MPC8306-SOM MC8308-RDB MPC8308-KIT MPC8308-SOM MPC8309-KIT	\$1,449 \$4,000 \$1,449 \$150 \$500 \$759 \$269 \$299 \$789 \$299 \$779	QorlQ P1022 Development System (COM Express board on carrier card) QorlQ P4080 Development System QorlQ P4080 Development System (COM Express board on carrier card) Flash Chip for MPC8260ADS COP Interface Carrier+SOM System on Module PowerQUICC II Pro Reference Platform Carrier+SOM System on Module Carrier+SOM Carrier+SOM Carrier+SOM Carrier+SOM Carrier+SOM Carrier+SOM
eferen IPC82xx	P4080 P4080 Ce Platforms All MPC82xx All MPC82xx MPC8306 MPC8306 MPC8308 MPC8308 MPC8308 MPC8308 MPC8308 MPC8309 MPC8309		P4080DS-PB P4080COME-DS-PB MPC8306-KIT MPC8306-SOM MC8308-RDB MPC8308-KIT MPC8308-SOM MPC8308-KIT MPC8309-KIT MPC8309-SOM	\$1,449 \$4,000 \$1,449 \$150 \$500 \$759 \$269 \$299 \$789 \$299 \$779 \$289	QorlQ P1022 Development System (COM Express board on carrier card) QorlQ P4080 Development System QorlQ P4080 Development System (COM Express board on carrier card) Flash Chip for MPC8260ADS COP Interface Carrier+SOM System on Module PowerQUICC II Pro Reference Platform Carrier+SOM System on Module Carrier+SOM System on Module Carrier+SOM System on Module System on Module
eferen IPC82xx	P4080 P4080 Ce Platforms All MPC82xx All MPC82xx MPC8306 MPC8306 MPC8308 MPC8308 MPC8308 MPC8308 MPC8309 MPC8309 MPC8313		P4080DS-PB P4080COME-DS-PB MPC8306-KIT MPC8306-SOM MC8308-RDB MPC8308-KIT MPC8308-SOM MPC8309-SOM MPC8313E-RDBB	\$1,449 \$4,000 \$1,449 \$150 \$500 \$759 \$269 \$299 \$789 \$299 \$779 \$289 \$299	QorlQ P1022 Development System (COM Express board on carrier card) QorlQ P4080 Development System QorlQ P4080 Development System (COM Express board on carrier card) Flash Chip for MPC8260ADS COP Interface Carrier+SOM System on Module PowerQUICC II Pro Reference Platform Carrier+SOM System on Module Carrier+SOM System on Module Carrier+SOM System on Module PowerQUICC II Pro Reference Platform
eferen IPC82xx	P4080 P4080 Ce Platforms All MPC82xx All MPC830x MPC8306 MPC8308 MPC8308 MPC8308 MPC8308 MPC8309 MPC8309 MPC8313 MPC8321, MPC8323	MPCRCOP-3V	P4080DS-PB P4080COME-DS-PB MPC8306-KIT MPC8306-SOM MC8308-RDB MPC8308-KIT MPC8308-SOM MPC8309-SOM MPC8309-SOM MPC8313E-RDBB MPC8323E-RDBB	\$1,449 \$4,000 \$1,449 \$150 \$500 \$759 \$269 \$299 \$789 \$299 \$779 \$289 \$289 \$299 \$399	QorlQ P1022 Development System (COM Express board on carrier card) QorlQ P4080 Development System QorlQ P4080 Development System (COM Express board on carrier card) Flash Chip for MPC8260ADS COP Interface Carrier+SOM System on Module PowerQUICC II Pro Reference Platform Carrier+SOM System on Module Carrier+SOM System on Module PowerQUICC II Pro Reference Platform PowerQUICC II Pro Reference Platform PowerQUICC II Pro Reference Platform
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amily eferen IPC82xx	P4080 P4080 Ce Platforms All MPC82xx All MPC830x MPC8306 MPC8308 MPC8308 MPC8308 MPC8308 MPC8309 MPC8309 MPC8313 MPC8321, MPC8323	MPCRCOP-3V	P4080DS-PB P4080COME-DS-PB MPC8306-KIT MPC8306-SOM MC8308-RDB MPC8308-KIT MPC8308-SOM MPC8309-SOM MPC8309-SOM MPC8313E-RDBB MPC8323E-RDBB	\$1,449 \$4,000 \$1,449 \$150 \$500 \$759 \$269 \$299 \$789 \$299 \$779 \$289 \$289 \$299 \$399	QorlQ P1022 Development System (COM Express board on carrier card) QorlQ P4080 Development System QorlQ P4080 Development System (COM Express board on carrier card) Flash Chip for MPC8260ADS COP Interface Carrier+SOM System on Module PowerQUICC II Pro Reference Platform Carrier+SOM System on Module Carrier+SOM System on Module PowerQUICC II Pro Reference Platform PowerQUICC II Pro Reference Platform PowerQUICC II Pro Reference Platform
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eferen IPC82xx	P4080 P4080 P4080 Ce Platforms All MPC82xx All MPC8308 MPC8306 MPC8308 MPC8308 MPC8308 MPC8309 MPC8309 MPC8313 MPC8321, MPC8323 MPC8343, MPC8347, MPC8344 MPC8315/14	MPCRCOP-3V	P4080DS-PB P4080COME-DS-PB P4080COME-DS-PB MPC8306-KIT MPC8306-SOM MC8308-RDB MPC8308-SOM MPC8309-KIT MPC8309-SOM MPC8313E-RDBB MPC8313E-RDBB MPC8323E-RDB MPC8319E-mITXE MPC8315E-RDBA	\$1,449 \$4,000 \$1,449 \$150 \$500 \$759 \$269 \$299 \$778 \$299 \$779 \$289 \$299 \$399 \$669 \$499	QorlQ P1022 Development System (COM Express board on carrier card) QorlQ P4080 Development System QorlQ P4080 Development System (COM Express board on carrier card) Flash Chip for MPC8260ADS COP Interface Carrier+SOM System on Module PowerQUICC II Pro Reference Platform Carrier+SOM System on Module Carrier+SOM System on Module Carrier+SOM System on Module Carrier+SOM System on Module Carrier-SOM System on PowerQUICC II Pro Reference Platform PowerQUICC II Pro Reference Platform PowerQUICC II Pro Reference Platform Cost-Effective Reference Design Board
eferen IPC82xx	P4080 P4080 P4080 Ce Platforms All MPC82xx All MPC82xx MPC8306 MPC8308 MPC8308 MPC8308 MPC8309 MPC8309 MPC8313 MPC8321, MPC8323 MPC8343, MPC8347, MPC834 MPC8315/14 MPC837x MPC837x	MPCRCOP-3V	P4080DS-PB P4080COME-DS-PB P4080COME-DS-PB P4080COME-DS-PB MPC8306-SOM MC8308-RDB MPC8308-KIT MPC8308-SOM MPC8309-SOM MPC8309-SOM MPC8313E-RDBB MPC8323E-RDB MPC8349E-mITXE MPC8315E-RDBA MPC8377E800-RDBA MPC8377E800-RDBA	\$1,449 \$4,000 \$1,449 \$150 \$500 \$759 \$269 \$299 \$779 \$289 \$299 \$399 \$289 \$289 \$289 \$289 \$289 \$499 \$6699 \$6699	QorlQ P1022 Development System (COM Express board on carrier card) QorlQ P4080 Development System QorlQ P4080 Development System (COM Express board on carrier card) Flash Chip for MPC8260ADS COP Interface Carrier+SOM System on Module PowerQUICC II Pro Reference Platform Carrier+SOM System on Module Carrier+SOM System on Module PowerQUICC II Pro Reference Platform PowerQUICC II Pro Reference Platform Carrier+SOM Carrier+SOM System on Module PowerQUICC II Pro Reference Platform PowerQUICC II Pro Reference Platform Cost-Effective Reference Design Board Cost-Effective Reference Design Board Cost-Effective Reference Design Board
eferen IPC82xx	P4080 P4080 Ce Platforms All MPC82xx All MPC82xx MPC8306 MPC8306 MPC8308 MPC8308 MPC8308 MPC8309 MPC8309 MPC8313 MPC8321, MPC8323 MPC8343, MPC8347, MPC834 MPC8315/14 MPC837x	MPCRCOP-3V 9	P4080DS-PB P4080COME-DS-PB P4080COME-DS-PB MPC8306-KIT MPC8306-SOM MC8308-RDB MPC8308-KIT MPC8308-SOM MPC8309-SOM MPC8313E-RDBB MPC8323E-RDB MPC8349E-mITXE MPC8315E-RDBA MPC8377E800-RDBA	\$1,449 \$4,000 \$1,449 \$150 \$500 \$759 \$269 \$299 \$779 \$289 \$299 \$399 \$299 \$399 \$499 \$699 \$499 \$669 \$1,395	QorlQ P1022 Development System (COM Express board on carrier card) QorlQ P4080 Development System QorlQ P4080 Development System (COM Express board on carrier card) Flash Chip for MPC8260ADS COP Interface Carrier+SOM System on Module PowerQUICC II Pro Reference Platform Carrier+SOM System on Module Carrier+SOM System on Module PowerQUICC II Pro Reference Platform Cost-Effective Reference Design Board Cost-Effective Reference Design Board
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amily Referen MPC82xx MPC83xx	P4080 P4080 P4080 P4080 Ce Platforms All MPC82xx All MPC830x MPC8306 MPC8308 MPC8308 MPC8308 MPC8308 MPC8309 MPC8313 MPC8313 MPC8321, MPC8323 MPC8343, MPC8347, MPC834 MPC8315/14 MPC837x MPC837x MPC8323, MPC8360, MPC856	MPCRCOP-3V 9	P4080DS-PB P4080COME-DS-PB P4080COME-DS-PB P4080COME-DS-PB MPC8306-SOM MC8308-RDB MPC8308-KIT MPC8308-SOM MPC8309-SOM MPC8309-SOM MPC8313E-RDBB MPC8323E-RDB MPC8349E-mITXE MPC8315E-RDBA MPC8377E800-RDBA MPC8377E800-RDBA	\$1,449 \$4,000 \$1,449 \$150 \$500 \$759 \$269 \$299 \$779 \$289 \$299 \$399 \$299 \$399 \$499 \$699 \$499 \$669 \$1,395	QorlQ P1022 Development System (COM Express board on carrier card) QorlQ P4080 Development System QorlQ P4080 Development System (COM Express board on carrier card) Flash Chip for MPC8260ADS COP Interface Carrier+SOM System on Module PowerQUICC II Pro Reference Platform Carrier+SOM System on Module Carrier+SOM System on Module PowerQUICC II Pro Reference Platform Carrier+SOM System on Module PowerQUICC II Pro Reference Platform Cost-Effective Reference Platform Cost-Effective Reference Design Board Cost-Effective Reference Design Board MPC83xx/MPC85xx SLIC SLAC T1/E1 Card
MPC82xx MPC83xx	P4080 P4080 P4080 P4080 Ce Platforms All MPC82xx All MPC82xx MPC8306 MPC8308 MPC8308 MPC8308 MPC8309 MPC8309 MPC8313 MPC8321, MPC8323 MPC8343, MPC8347, MPC834 MPC837x MPC837x MPC837x MPC8323, MPC8360, MPC856 MPC8323, MPC8360, MPC856 MPC7448	MPCRCOP-3V 9	P4080DS-PB P4080COME-DS-PB P4080COME-DS-PB P4080COME-DS-PB MPC8306-SOM MPC8308-RDB MPC8308-KIT MPC8308-SOM MPC8309-KIT MPC8309-SOM MPC8315E-RDBB MPC8323E-RDB MPC8349E-mITXE MPC8315E-RDBA MPC8377E800-RDBA MPC8377E800-RDBA MPC8379E-RDBA PQ-MDS-T1E MCEVALHPC2-7448E	\$1,449 \$4,000 \$1,449 \$150 \$500 \$759 \$269 \$299 \$789 \$299 \$789 \$299 \$299 \$299 \$299 \$399 \$699 \$699 \$699 \$1,395 \$1,495	QorlQ P1022 Development System (COM Express board on carrier card) QorlQ P4080 Development System QorlQ P4080 Development System (COM Express board on carrier card) Flash Chip for MPC8260ADS COP Interface Carrier+SOM System on Module PowerQUICC II Pro Reference Platform Carrier+SOM System on Module Carrier+SOM System on Module PowerQUICC II Pro Reference Platform Cost-Effective Reference Design Board Cost-Effective Reference Design Board Cost-Effective Reference Design Board Cost-Effective Reference Design Board MPC83xx/MPC85xx Quad OC-3 ATM Card Evaluation Board for MPC7448
APC74xx OorlQ 2 and P1	P4080 P4080 P4080 Ce Platforms All MPC82xx All MPC82xx MPC8306 MPC8306 MPC8308 MPC8308 MPC8309 MPC8309 MPC8313 MPC8321, MPC8323 MPC8343, MPC8347, MPC834 MPC837x MPC837x MPC837x MPC837x MPC837x MPC8323, MPC8360, MPC856 MPC7448 P2020/P2010	MPCRCOP-3V 9	P4080DS-PB P4080COME-DS-PB P4080COME-DS-PB P4080COME-DS-PB MPC8306-KIT MPC8306-SOM MC8308-RDB MPC8308-KIT MPC8308-SOM MPC8313E-RDB MPC8323E-RDB MPC8323E-RDB MPC8324E-mITXE MPC8315E-RDBA MPC8377E800-RDBA MPC8379E-RDBA PQ-MDS-T1E MCEVALHPC2-7448E P2020RDB-PB	\$1,449 \$4,000 \$1,449 \$150 \$500 \$759 \$269 \$299 \$789 \$299 \$399 \$699 \$499 \$699 \$1,395 \$1,495 \$2,772	QorlQ P1022 Development System (COM Express board on carrier card) QorlQ P4080 Development System QorlQ P4080 Development System (COM Express board on carrier card) Flash Chip for MPC8260ADS COP Interface Carrier+SOM System on Module PowerQUICC II Pro Reference Platform Carrier+SOM System on Module Carrier+SOM System on Module Carrier+SOM System on Module Carrier+SOM System on Module Carrier+SOM Carrier+SOM Carrier+SOM System on Flatform PowerQUICC II Pro Reference Platform PowerQUICC II Pro Reference Platform Cost-Effective Reference Design Board Cost-Effective Reference Design Board Cost-Effective Reference Design Board MPC83xx/MPC85xx Quad OC-3 ATM Card Evaluation Board for MPC7448 QorlQ P2020/P2010 Reference Design Board
eferen IPC82xx IPC83xx IPC74xx IPC74xx	P4080 P4080 P4080 P4080 Ce Platforms All MPC82xx All MPC82xx MPC8306 MPC8308 MPC8308 MPC8308 MPC8309 MPC8309 MPC8313 MPC8321, MPC8323 MPC8343, MPC8347, MPC834 MPC837x MPC837x MPC837x MPC8323, MPC8360, MPC856 MPC8323, MPC8360, MPC856 MPC7448	MPCRCOP-3V 9	P4080DS-PB P4080COME-DS-PB P4080COME-DS-PB P4080COME-DS-PB MPC8306-SOM MPC8308-RDB MPC8308-KIT MPC8308-SOM MPC8309-KIT MPC8309-SOM MPC8315E-RDBB MPC8323E-RDB MPC8349E-mITXE MPC8315E-RDBA MPC8377E800-RDBA MPC8377E800-RDBA MPC8379E-RDBA PQ-MDS-T1E MCEVALHPC2-7448E	\$1,449 \$4,000 \$1,449 \$150 \$500 \$759 \$269 \$299 \$789 \$299 \$789 \$299 \$299 \$299 \$299 \$399 \$699 \$699 \$699 \$1,395 \$1,495	QorlQ P1022 Development System (COM Express board on carrier card) QorlQ P4080 Development System QorlQ P4080 Development System (COM Express board on carrier card) Flash Chip for MPC8260ADS COP Interface Carrier+SOM System on Module PowerQUICC II Pro Reference Platform Carrier+SOM System on Module Carrier+SOM System on Module PowerQUICC II Pro Reference Platform Cost-Effective Reference Design Board Cost-Effective Reference Design Board Cost-Effective Reference Design Board Cost-Effective Reference Design Board MPC83xx/MPC85xx Quad OC-3 ATM Card Evaluation Board for MPC7448
PC74xx orlQ 2 and P1 amilies	P4080 P4080 P4080 P4080 CCE Platforms All MPC82xx All MPC8308 MPC8308 MPC8308 MPC8308 MPC8309 MPC8309 MPC8313 MPC8321, MPC8323 MPC8343, MPC8344, MPC8344 MPC837x MPC837x MPC8323, MPC8360, MPC856 MPC7448 P2020/P2010 P1020/P1011	MPCRCOP-3V 9	P4080DS-PB P4080COME-DS-PB P4080COME-DS-PB P4080COME-DS-PB MPC8306-KIT MPC8306-SOM MC8308-RDB MPC8308-KIT MPC8308-SOM MPC8313E-RDB MPC8323E-RDB MPC8323E-RDB MPC8324E-mITXE MPC8315E-RDBA MPC8377E800-RDBA MPC8379E-RDBA PQ-MDS-T1E MCEVALHPC2-7448E P2020RDB-PB	\$1,449 \$4,000 \$1,449 \$150 \$500 \$759 \$269 \$299 \$789 \$299 \$399 \$699 \$499 \$699 \$1,395 \$1,495 \$2,772	QorlQ P1022 Development System (COM Express board on carrier card) QorlQ P4080 Development System QorlQ P4080 Development System (COM Express board on carrier card) Flash Chip for MPC8260ADS COP Interface Carrier+SOM System on Module PowerQUICC II Pro Reference Platform Carrier+SOM System on Module Carrier+SOM System on Module Carrier+SOM System on Module PowerQUICC II Pro Reference Platform PowerQUICC II Pro Reference Platform Cost-Effective Reference Platform PowerQUICC II Pro Reference Platform Cost-Effective Reference Design Board Cost-Effective Reference Design Board MPC83xx/MPC85xx Quad OC-3 ATM Card Evaluation Board for MPC7448 QorlQ P2020/P2010 Reference Design Board
PC74xx orlQ 2 and P1 amilies	P4080 P4080 P4080 P4080 CCE Platforms All MPC82xx All MPC82xx MPC8306 MPC8306 MPC8308 MPC8308 MPC8309 MPC8309 MPC8313 MPC8321, MPC8323 MPC8343, MPC8347, MPC834 MPC837x MPC837x MPC837x MPC837x MPC837x MPC8323, MPC8360, MPC856 MPC7448 P2020/P2010 P1020/P1011 Boards MPC8343 MPC8343	MPCRCOP-3V 9	P4080DS-PB P4080COME-DS-PB P4080COME-DS-PB P4080COME-DS-PB MPC8306-SOM MC8308-SOM MPC8308-KIT MPC8308-SOM MPC8309-SOM MPC8313E-RDBB MPC8315E-RDBA MPC8315E-RDBA MPC8377E800-RDBA MPC8377E800-RDBA MPC8379E-RDBA PQ-MDS-T1E MCEVALHPC2-7448E P2020RDB-PB P1020RDB-PA	\$1,449 \$4,000 \$1,449 \$150 \$500 \$759 \$269 \$299 \$789 \$299 \$779 \$289 \$299 \$399 \$699 \$4,499 \$699 \$1,395 \$1,495 \$2,772 \$595 \$499	QorlQ P1022 Development System (COM Express board on carrier card) QorlQ P4080 Development System QorlQ P4080 Development System (COM Express board on carrier card) Flash Chip for MPC8260ADS COP Interface Carrier+SOM System on Module PowerQUICC II Pro Reference Platform Carrier+SOM System on Module Carrier+SOM System on Module Carrier+SOM System on Module PowerQUICC II Pro Reference Platform PowerQUICC II Pro Reference Platform PowerQUICC II Pro Reference Platform Cost-Effective Reference Design Board Cost-Effective Reference Design Board Cost-Effective Reference Design Board MPC83xx/MPC85xx SLIC SLAC T1/E1 Card MPC83xx/MPC85xx Quad OC-3 ATM Card Evaluation Board for MPC7448 MPC8343 QUICCstart Board MPC8343 QUICCstart Board
APC74xx	P4080 P4080 P4080 P4080 Ce Platforms All MPC82xx All MPC830x MPC8306 MPC8308 MPC8308 MPC8308 MPC8309 MPC8313 MPC8321 MPC8323 MPC8343, MPC8347, MPC834 MPC837x MPC837x MPC837x MPC8323, MPC8360, MPC856 MPC7448 P2020/P2010 P1020/P1011	MPCRCOP-3V 9	P4080DS-PB P4080COME-DS-PB P4080COME-DS-PB P4080COME-DS-PB P4080COME-DS-PB MPC8306-SOM MC8306-SOM MC8308-RDB MPC8308-KIT MPC8309-KIT MPC8309-KIT MPC8315E-RDBB MPC8315E-RDBB MPC8315E-RDBA MPC8317E-RDBA MPC8317E-RDBA MPC8317E-RDBA MPC8317E-RDBA PC-MDS-T1E MCEVALHPC2-7448E P2020RDB-PB P1020RDB-PA	\$1,449 \$4,000 \$1,449 \$150 \$500 \$759 \$269 \$299 \$779 \$289 \$299 \$399 \$499 \$699 \$499 \$5699 \$499 \$5699 \$499 \$5699 \$499 \$5779 \$289 \$299 \$399 \$499 \$5699 \$499 \$699 \$499 \$699 \$699 \$699 \$699 \$	QorlQ P1022 Development System (COM Express board on carrier card) QorlQ P4080 Development System QorlQ P4080 Development System (COM Express board on carrier card) Flash Chip for MPC8260ADS COP Interface Carrier+SOM System on Module PowerQUICC II Pro Reference Platform Carrier+SOM System on Module Carrier+SOM System on Module Carrier+SOM System on Module Carrier+SOM Carrier-SOM System on Module Carrier-SOM Carrier-SOM System on Module Carrier-Som System on Module Carrier-Som Cost-Effective Reference Platform Cost-Effective Reference Design Board MPC83xx/MPC85xx SLIC SLAC T1/E1 Card MPC83xx/MPC85xx Quad OC-3 ATM Card Evaluation Board for MPC7448 QorlQ P2020/P2010 Reference Design Board QorlQ P1020/P1011 Reference Design Board

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Innovation. Connectivity. Freedom.

PowerQUICC and QorlQ Processor Selector Guide





Technical Device Matrix

Part Number MPC870 MPC875 MPC880	Typical Power .31W .31W .31W	66, 80, 133 66, 80, 133 66, 80, 133	Ethernet 2 1/10 1 10, 2 10/100 Up to 2 10, 2 10/100	I/D Cache 8 KB/8 KB 8 KB/8 KB 8 KB/8 KB	Floating Point Unit	SCC - 1 2	\$MC 1 1 2	FCC - - -	MCC - - -	T1/E1 - 1 2	T3/E3 - - -	UTOPIA - - Y	Multi-Channel HDLC - Up to 32 Up to 64	SPI 1 1 1	I²C 1 1 1	18 Full 18 Full	USB /Low Speed /Low Speed /Low Speed	Memory SCC SDRAM SDRAM SDRAM	HW Encryption - Y -	PKG 256 PBGA 256 PBGA 357 PBGA
MPC885 For information or	.31W or the MPC85x and M	66, 80, 133 PC86x processors, please re	Up to 3 10, 2 10/100 fer to freescale.com .	8 KB/8 KB	-	3	2	-	-	2	-	Y	Up to 64	1	1	18 Full,	/Low Speed	SDRAM	Υ	357 PBGA
Part Number	Typical Power		Ethernet	I/D Cache	Floating Point Unit	t SCC	SMC	FCC MCC	T1/E1	T3/E3	UTOPIA	Multi-Channel HDLC	SPI I ² C GP	PIO PCI	Local Bus	USB	Memory S	CC HW Encrypti	on	PKG
MPC8241	0.8W	166, 200, 266	-	16 KB/16 KB	Double Precision	-	-		-	-	-	-		- 32-bit	N	-	SDRAM	-	;	357 PBGA
MPC8245 MPC8248	1.7W 1.0W	266, 333, 400 266, 300, 400	- 3 10, 2 10/100	16 KB/16 KB 16 KB/16 KB	Double Precision Double Precision	3	2	2 -	- 2	-	-	- Up to 64	1 1 8	- 32-bit 32 32-bit	N N	- Full/Low Speed	SDRAM SDRAM	- E Version		352 TBGA 516 PBGA
MPC8247	1.0W	266, 300, 400	3 10, 2 10/100	16 KB/16 KB	Double Precision	3	2	2 -	2	-	-	64	1 1 8	32-bit	N	2.0	SDRAM	-		516 PBGA
MPC8271	1.0W	266, 300, 400	3 10, 2 10/100	16 KB/16 KB	Double Precision	3	2	2 -	2	-	1	64	1 1 8		N	2.0	SDRAM	-		516 PBGA
MPC8270 MPC8272	1.0W 1.0W	266/333, 450 266, 300, 400	Up to 4 10, Up to 3 10/100 3 10, 2 10/100	16 KB/16 KB 16 KB/16 KB	Double Precision Double Precision	3	2	2 -	2	1 -	- 1	Up to 128 Up to 64	1 1 12		Y N	Full/Low Speed Full/Low Speed	SDRAM SDRAM	E Version		BGA/480 TBGA 516 PBGA
MPC8275	1.0W	266	Up to 4 10, Up to 3 10/100	16 KB/16 KB	Double Precision	4	2	3 1	4	1	2	Up to 128	1 1 12	20 32-bit	Y	Full/Low Speed	SDRAM	-	;	516 PBGA
MPC8280	1.25W	333, 450	Up to 4 10, Up to 3 10/100	16 KB/16 KB	Double Precision	4	2	3 1	8	2	2	Up to 256	1 1 12	20 32-bit	Υ	Full/Low Speed	SDRAM	-	•	480 TBGA
Part Number	Typical Power*	Speed (MHz)	Ethernet I/D Cach	he QUICC Engine	Speed UCC Floa	ting Point Unit T	1/E1 UTOPIA	A HDLC SPI I	I ² C DUART	GPIO	PCI	Local Bus	USB	Memory (Controller	DDR Data Rate H	IW Encryption	Other		PKG
MPC8306	1.15W	133, 266	3 x 10/100 16 KB/16	KB 200 MH	lz 5	_	2 1	Up to 64 1	2 4	8	-		d Host/Device/OTG	16-bit DDF	R2 w/o ECC	266	-	4 x CAN		369 MAPBGA
MPC8306S	1.15W	133, 266	3 x 10/100 16 KB/16				2 1	Up to 64 1	2 4	8	-		1 Host/Device/OTG		R2 w/o ECC	266	-	4 x CAN		369 MAPBGA
MPC8308 MPC8309	1.23W 1.56W	266, 333, 400 2 10 266, 333, 400	0/100/1000, MII, RGMII 16 KB/16 3 x 10/100 16 KB/16				2 1	- 1 Up to 64 1	2 1	24 16	-		peed 2.0 Host/Device/O ⁻ <1 Host/Device/OTG		t DDR1/2 DDR2 w/ECC	266 266	-	1 x PCI Expre 4 x CAN		473 MAPBGA 489 MAPBGA
MPC8313	.82W		MII, RGMII, RTBI, (R) MII 16 KB/16					- 1	2 1	32	32-bit		ligh-Speed 2.0 (PHY)		t DDR1/2	333	E Version	-		516 TEPBGA
MPC8314	1.11W		MII, RGMII, RTBI, (R) MII 16 KB/16			101011100101011		- 1	1 1	32**	32-bit		ligh-Speed 2.0 (PHY)		t DDR1/2	266	E Version	2 x PCI Express		620 TEPBGA
MPC8315 MPC8343	1.11W 2.0W	266, 333, 400 2 SG 266, 400	MII, RGMII, RTBI, (R) MII 16 KB/16 2 10/100/1000 32 KB/32			uble Precision		- 1	1 1	32** 64	32-bit 32-bit	Y H	ligh-Speed 2.0 (PHY)	16/32-bit 32-bit DDR	t DDR1/2	266 266, 400		TA (2 x 3.0 w/PHY), 2 x P	PCI Express, TDM	620 TEPBGA 620 PBGA
MPC8343		266, 400, 533, 667	2 10/100/1000 32 KB/32 2 10/100/1000 32 KB/32			uble Precision uble Precision		- 1	2 1	52	32-bit	Y	High-Speed 2 x High-Speed 2.0	64/32-bit DDA		Up to 400	E Version E Version	-		620 PBGA, 672 TBGA
MPC8349	2.0W	400, 533, 667	2 10/100/1000 32 KB/32	KB -	- Dou	uble Precision		- 1	2 1		x 32-bit or 1 x 6	64-bit Y	2 x High-Speed 2.0	64/32-bit DD	R1/2 w/ECC	Up to 400	E Version	<u>-</u>		672 TBGA
MPC8377 MPC8378			MII, GMII, RTBI, TBI, HII) 32 KB/32 II, RGMII, GMII, RTBI, TBI, HII) 32 KB/32			uble Precision uble Precision		- 1	2 1 2	52 52	32-bit 32-bit	Y	2 x High-Speed 2.0 High-Speed 2.0	32/64-bit 32/64-bit	t DDR1/2	Up to 400 Up to 400	E Version E Version	SATA (2 x 2.0 w/PHY, 2 x PCI Expre		689 TEPBGA 689 TEPBGA
MPC8379			MII, GMII, RTBI, TBI, HII) 32 KB/32			uble Precision		- 1	2 1	52	32-bit	Y	High-Speed 2.0		t DDR1/2	Up to 400	E Version	SATA (4 x 1 3.0 v		689 TEPBGA
Part Number MPC8321/MPC8	Typical Power 3323 1W		thernet	Floating Point Unit		Engine Speed 200 MHz	SCO	SMC FCC UCC MC				SPI I ² C DUART PCI 2 1 1 -	PCIe GPIO Local II	Bus US 2.0 Full/Low		Memory Controlle 32-bit DDR1/2		ata Rate HW Encry 266 E Versi	rption XOR Other	
MPC8360	5.0W	400 E00 CG7 Up to 2	10/100/1000 ag kB/gg kB	Double Precision							•				,	2 x 32-bit	,			
MPC8360	5.000	400, 555, 667 or Up	to 8 10/100 32 NB/32 NB -	Double Precision	Duai—t	Jp to 500 MHz		8 1	8 2	2	Up to 256	2 2 1 -	- 212 Y	2.0 Full/Low	(In the QE)	or 1 x 32/64-bit DD	JR .	333 E Versi	on - 1 x 32-0	
MPC8358	3.0W		10/100/1000 to 6 10/100 32 KB/32 KB -	Double Precision	Dual-Up to 400 M	1Hz/Dual-Up to 26	66 MHz	6 -	4 1	1 Up	to 128 (QMC)	2 2 1 -	- 212 Y	2.0 Full/Low	(in the QE)	1 x 32/64-bit DDR1 1 x 32/64-bit DDF		266 E Versi	on - 1 x 32-b	it PCI 740 TBGA/ 668 PBGA
MPC8541	4.4W	533, 600, 667, Up to	2 10/100, 2 32 KB/32 KB 356K	Single Precision		-	-	- 2 -		2	-	1 1 1 2 x 32-bi		-		64-bit DDR1		R1: 333 E Versi	on	783 FC-PBGA
		l In to	1 10/1000	•			0	0 0	0	0	T- C4	64-bit F	2CI +/1 v	4.						
MPC8555	4.9W	10/	100/1000 32 KB/32 KB 250K	Single Precision		-	3	2 2 -	2 -	2	To 64	1 1 1 64-bit F	PCI - 32 T	1.1	I	64-bit DDR1	DDF	R1: 333 E Versi	on	783 FC-PBGA
MPC8560	5.1W	10/	3 10/100, 2 100/1000 32 KB/32 KB 256K	Single Precision		-	4	- 3 2	8 2	2	To 256	1 1 1 PCI/PC		-		64-bit DDR1		R1: 333 -	- Paral	
MPC8567	8.7W		o 8 10/100, 10/100/1000 32 KB/32 KB -	Double Precision	Dual-l	Jp to 400 MHz		8 1	8 2	2	Up to 256	2 2 1 -	1 x 4 188 Y	-		64-bit DDR1/2		11: 533, R2: 533 E Versi	on - Serial Ra 1 x 32-b	
MPC8568	8.7W		10/100/1000 or 0 10 10/100	Double Precision	Dual-l	Jp to 533 MHz		8 1	8 2	2	Up to 256	2 2 1 -	1 x 4 188 Y	-		64-bit DDR1/2		11: 533, R2: 533 E Versi	on Y Serial Ra	
MPC8569	3.42W (est)	900 1000 1333 Up to 8 1	0/100, Up to 4 100/1000 32 KB/32 KB 512 KB	Double Precision	Quad-	Up to 667MHz		8 2	Up to Up to	1	256	2 2 2 -	1 x 4 173 Y	2.0 Full Spee	d (in the QE)	64-/2 x 32-bit DDR2/3 v			4-channe	I DMA, 783 EC PROA
		10/	100/1000	UCCs: Up to Three N	MII/RMII. Up to Four 1	TDM. One UTOPIA	MPC8360	UCCs: Two UL2/POS	S. Two GMII. Eid	iht MII MP	PC8358 UCCs: C	One UL2/POS, Two GMII,	Six MII						10-1DIVI,	2 SNIO
Part Number	Typical Power*	Speed (MHz)	Ethernet	I/D Cach	e L2 Cache	Floating Point Un	nit SPI	I ² C DUART GPIO	, ,	PCI	D	CI Express® Lo	cal Bus USB	DDR		DDR Data Rate	H/W Encryption	XOR	Other	PKG
MPC8536	3.0W	600–1500	2 (SGMII, RGMII, RTB, MII)	32 KB/32 I		Double Precision		2 1 16		32-bit		ntrollers, 8 Lanes	Y 3 x 2.0	DDR2/3		Up to 667 MHz	E Version		/MMC, Adv. Pwr Mgm	
MPC8535	3.0W	600–1250	2 (SGMII, RGMII, RTB, MII)	32 KB/32 I		Double Precision		2 1 16		32-bit		ntrollers, 4 Lanes	Y 2 x	DDR2/3		Up to 667 MHz	E Version		/MMC, Adv. Pwr Mgm	
MPC8540	4.8W	667, 833, 1000	Up to 3 10/100, 2 10/100/1000	32 KB/32 I		Single Precision		1 1 ***		oit PCI/PCI-X		-	Y -	64-bit DDR1	20 00	DDR1: 333	- 	-	Parallel	783 FC-PBGA
MPC8543 MPC8544	6.1W 2.6W	800, 1000 667–1067	2 10/100/1000 2 10/100/1000, SGMII	32 KB/32 I 32 KB/32 I		Double Precision Double Precision		2 1 16		x 32-bit x 32-bit		ontroller, 4 Lanes ntrollers, 4 Lanes	Y - Y -	64-bit DDR 1/2 w/EC 64-bit DDR 1/2		R1: 400, DDR2: 400 R1: 400, DDR2: 533	E Version E Version	- Se Y	erial RapidIO	783 FC-PBGA 783 FC-PBGA
MPC8545	6.1W	800, 1000, 1200	2 10/100/1000	32 KB/32 I	KB 512K	Double Precision	n -	2 1 ***	2 x 32-bit	/1 x 64-bit P0	CI 1 Co	ontroller, 4 Lanes		64-bit DDR 1/2 w/E0	CC DDI	R1: 400, DDR2: 400	E Version	-	-	783 FC-PBGA
MPC8547	6.5W	1000, 1200, 1333	4 10/100/1000	32 KB/32 I		Double Precision		2 1 ***		PCI/PCI-X		ontroller, 4 Lanes		64-bit DDR 1/2 w/E0		R1: 533, DDR2: 533	E Version	Y	- wiel DemidlO	783 FC-PBGA
MPC8548 MPC8572	6.5W 12W	1000, 1200, 1333, 1500 1067–1500	4 10/100/1000 1 10/100 + 4 10/100/1000 with SGM	32 KB/32 I III 32 KB/32 I		Double Precision Double Precision		2 1	2 X 32/1 X	64-bit PCI/PC -		ontroller, 8 Lanes ntrollers, 8 Lanes		64-bit DDR 1/2 w/EC x 32/64-bit DDR2/3 w		R1: 533, DDR2: 533 DDR2/3: 800	E Version E Version		erial RapidIO Serial RapidIO	783 FC-PBGA 1023 FC-PBGA
Part Number	Typical Power*	Speed (MHz)	Ethernet I/D Cache	L2 Cache		t Unit SPI I ² C			us USB	DDF		DDR Data Rate	H/W Encryption			Express		Other		PKG
MPC8610	8.3W	667, 800, 1000, 1066, 1333	- 32 KB/32 KE	B 256K	Double Precis	sion 1 2	1 32	2 32-bit Y	- 1>	32/64-bit D	DDR2 w/ECC	DDR1: 333, DDR2: 400/		-	x1/x2/x4/x	8 and x1/x2/x4		x SSI Audio, AltiVec Tech		783 FC-PBGA
MPC8641 MPC8641D	12W 16W	1000, 1250, 1333, 1500 1000, 1250, 1333, 1500	4 10/100/1000 32 KB/32 KB 4 10/100/1000 32 KB/32 KB/o		Double Precise Double Precis		1 32 1 32			x 64-bit DD		400 to 600 400 to 600	-	Serial x4 Serial x4		1/x2/x4/x8 1/x2/x4/x8		iVec Technology iVec Technology		HCTE FC-CBGA HCTE FC-CBGA
MPC8640	9W	1000, 1250, 1353, 1300	4 10/100/1000 32 KB/32 KB/3 4 10/100/1000 32 KB/32 KB		Double Precis		1 32			x 64-bit DD		400 to 500	-	Serial x4		1/x2/x4/x8		iVec Technology		B HCTE FC-CBGA
MPC8640D	14W	1000, 1250	4 10/100/1000 32 KB/32 KB/o				1 32			x 64-bit DD		400 to 500	-	Serial x4		1/x2/x4/x8		iVec Technology		HCTE FC-CBGA
		Speed (MHz)				FPU SPI			GPIO Lo		USB	Memory Controll			XOR	sRI0		Other		PKG
			000 w/Jumbo Frame Support (SGMII) 32			le Precision 1		2	16		2 USB 2.0	32-bit DDR2/3 w/E0		E Version	Y	-		M, SD/MMC and NAND E		689 TEPBGAII
P1020 P1012	` ′		1000 w/Jumbo Frame Support (SGMII) 32 I			le Precision 1		2	16 16		2 USB 2.0 .0 Full/High (ULPI)	32-bit DDR2/3 w/E		E Version E Version	Y	-		M, SD/MMC and NAND E ngine, TDM, Utopia -L2 Ir		689 TEPBGAII ort, 689 TEPBGAII
	, ,		1000 w/Jumbo Frame Support (SGMII) 32				2 2				J , ,					-	SD/MMC,	2 x 10/100 Ethernet and l ngine, TDM, Utopia -L2 Ir	NAND Boot Options	009 TEPBGAII
P1021	` '		000 w/Jumbo Frame Support (SGMII) 32				2 2	2	16		.0 Full/High (ULPI)			E Version	Y	-	2 x 10/100	Ethernet, SD/MMC and	NAND Boot Options	009 TEPBGAII
P1013 P1017				KB/32 KB 256 KB KB/32 KB 256 KB		le Precision 1 le Precision 1	2 1	3 3 Controllers, 4 La	Up to 87 nes 32	Y	2 USB 2.0 1 USB 2.0	32-bit DDR2/3 w/E0 32-bit DDR3/3L w/E		E Version SEC 4.2	Y	-		? x SATA, SD/MMC, Adva ta Path Acceleration Arch		nent 689 TEPBGAII 457 WB TePBGA 1
	` '			KB/32 KB 256 KB			2 1	3	Up to 87	Y	2 USB 2.0	32-bit DDR3/3L W/E0		E Version	Y	-		2 x SATA, SD/MMC, Adva		
P1023	2 3W (est)	400, 500	2 x 10/100/1000 (SGMII) 32 I	KB/32 KB 256 KB		le Precision 1	2 1	3 Controllers, 4 La	nes 32	Υ	1 USB 2.0	32-bit DDR3/3L w/E	ECC 667 MHz	SEC 4.2	Y		Da	ta Path Acceleration Arch	nitecture Lite	457 WB TePBGA 1
P2010 P2020			000 w/Jumbo Frame Support (SGMII) 32 000 w/Jumbo Frame Fr			le Precision 1 le Precision 1	2 1		16 16		Full/High (ULPI) Full/High (ULPI)	64-/32-bit DDR2/3 w/ 64-/32-bit DDR2/3 w/		E Version E Version	Y	2 x 1 or 1 x 4 2 x 1 or 1 x 4		SD/MMC and NAND Boo SD/MMC and NAND Boo		689 TEPBGAII 689 TEPBGAII
	` ′	667 800 1000						3 Controllers, 5						SEC 4.2 w/	' V				·	
	4 7.4 W (est)	1200	· · ·	KB/32 KB -			4 2	Lanes	21		USB 2.0 w/ PHY	64-bit DDR3/3L w/E		Secure Boot	V 2:0	2 controllers		ath Acceleration Architect		783-pin Package
	4 8.3W (est) 4 12W (est)***** 1	v0 France M	1000 (SGMII) and 1 x 10 GbE (XAUI) 32 11 Inanagers w/4 x 10/100/1000 (SGMII) 32	KB/32 KB 128 KB/core KB/32 KB 128 KB/core	2 MB Shared Double	e Precision Single le Precision 1		x3 Gen 2.0 x3 Gen 2.0	32 32		USB 2.0 w/ PHY) Full/High (ULPI)	64-/32-bit DDR3/3L w Dual 64-/32-bit DDR2/3		E Version E Version	Y 2x Ge	n cont, 1x/2x/4x, Mess Mr 2 x 2 or 2 x 4	•	eration Architecture, Con Path Acceleration Archite		ATA 1295 FCPBGA 1295 FCPBGA
	. ,	200, 1333, 1300	and the able peron		, _00			x3 Gen 2.0 x3												
	8 14W (est)***** 1:	200, 1333, 1300	and in it does yours,	KB/32 KB 128 KB/core	117 200		4 2	Gen 2.0	32		- , ,	Dual 64-/32-bit DDR2/3		E Version	Y	2 x 2 or 2 x 4		Path Acceleration Archite	·	1295 FCPBGA
	1 TBD 2 TBD		1000 (SGMII) and 1 x 10 GbE (XAUI) 32 1000 (SGMII) and 1 x 10 GbE (XAUI) 32			Performance Single Performance Single		4 Gen 2.0 4 Gen 2.0	32 32			Dual 64-/32-bit DDR3/3I Dual 64-/32-bit DDR3/3I						eration Architecture, Con eration Architecture, Con		
* Power varies wi	th frequency, voltage a	and temperature. Unless otherv	vise noted, Typical Power is lowest speed	bin at 65°C for range of	of processors. These n	umbers are provided	d as a guide c	only, please refer to de	evice data sheet									•	•	