

ARMADA™ Series

Application Processors

ARMADA 100 Family											
Frequency	Device Support	Boot Configuration	Security Support	I/O Voltage	Software	Package Size	Ball Pitch	Package Type	I-Temp*	Special Note	
88AP162-B0-BJD2C004	400MHz	6 chip selects	Auto-boot configuration	No	1.8v, 3.3v	Linux, Adobe® FlashLite, Android, Windows® CE	15mm x 15mm	0.8mm	Discrete	*	
88AP166-B0-BJD2C008	800MHz	6 chip selects	Auto-boot configuration	No	1.8v, 3.3v	Linux, Adobe® FlashLite, Android, Windows® CE	15mm x 15mm	0.8mm	Discrete	Yes	
88AP168-B0-BJD2C010	1000MHz	6 chip selects	Auto-boot configuration	No	1.8v, 3.3v	Linux, Adobe® FlashLite, Android, Windows® CE	15mm x 15mm	0.8mm	Discrete	Yes	

*Parts available in temperature range -25C to 85C.

PXA Series

Application Processors

PXA300 Family											
Frequency	Device Support	Boot Configuration	Security Support	I/O Voltage	Software	Package Size	Ball Pitch	Package Type	I-Temp*	Special Note	
88AP300-A1-BGK2C624-T161	624MHz	8 chip selects	x16 NAND	No	1.8v - 3.3v	Linux, Windows® CE, Windows® Mobile	13mm x 13mm	0.5mm	Discrete	*	
88AP300-A1-BGK2C624-T162	624MHz	8 chip selects	x8 NAND	No	1.8v - 3.3v	Linux, Windows® CE, Windows® Mobile	13mm x 13mm	0.5mm	Discrete	*	
88AP300-A1-BGK2C624-T163	624MHz	8 chip selects	x16 NOR	No	1.8v - 3.3v	Linux, Windows® CE, Windows® Mobile	13mm x 13mm	0.5mm	Discrete	*	
88AP300-A1-BGK2C208-T164	208MHz	8 chip selects	x8 NAND	No	1.8v - 3.3v	Linux, Windows® CE, Windows® Mobile	13mm x 13mm	0.5mm	Discrete	*	
88AP303-A1-BGF2C624-TN12	624MHz	8 chip selects	x16 NAND	No	1.8v - 3.3v	Linux, Windows® CE, Windows® Mobile	19mm x 19mm	0.8mm	Discrete	*	

*Parts available in temperature range -25C to 85C.

PXA Series

Application Processors

	Frequency	Device Support	Boot Configuration	Security Support	I/O Voltage	Software	Package Size	Ball Pitch	Package Type	I-Temp*	Special Note
88AP303-A1-BGF2C624-TN22	624MHz	8 chip selects	x8 NAND	No	1.8v - 3.3v	Linux, Windows® CE, Windows® Mobile	19mm x 19mm	0.8mm	Discrete	*	
88AP303-A1-BGF2C208-TN22	208MHz	8 chip selects	x8 NAND	No	1.8v - 3.3v	Linux, Windows® CE, Windows® Mobile	19mm x 19mm	0.8mm	Discrete	*	
88AP303-A1-BGF2C624-TN32	624MHz	8 chip selects	x16 NOR	No	1.8v - 3.3v	Linux, Windows® CE, Windows® Mobile	19mm x 19mm	0.8mm	Discrete	*	
88AP303-A1-BGF2C208-TN32	208MHz	8 chip selects	x16 NOR	No	1.8v - 3.3v	Linux, Windows® CE, Windows® Mobile	19mm x 19mm	0.8mm	Discrete	*	
PXA310 Family											
88AP310-B1-BGK2C624-TN02	624MHz	8 chip selects	Auto-boot configuration	No	1.8v - 3.3v	Linux, Windows® CE, Windows® Mobile	13mm x 13mm	0.5mm	Discrete	*	
88AP310-B1-BGK2C806-TN02	806MHz	8 chip selects	Auto-boot configuration	No	1.8v - 3.3v	Linux, Windows® CE, Windows® Mobile	13mm x 13mm	0.5mm	Discrete	*	
PXA320 Family											
88AP320-C0-BGR2C624-TN30	624MHz	6 chip selects	x16 NOR	No	1.8v - 3.3v	Linux, Windows® CE, Windows® Mobile	14mm x 14mm	0.5mm	Discrete	*	Low power
88AP320-C0-BGR2C806-TN31	806MHz	6 chip selects	x16 NOR	No	1.8v - 3.3v	Linux, Windows® CE, Windows® Mobile	14mm x 14mm	0.5mm	Discrete	*	Standard power
88AP320-C0-BGR2C806-TN30	806MHz	6 chip selects	x16 NOR	No	1.8v - 3.3v	Linux, Windows® CE, Windows® Mobile	14mm x 14mm	0.5mm	Discrete	*	Low power
88AP320-C0-BGR2C624-TN10	624MHz	6 chip selects	x16 NAND	No	1.8v - 3.3v	Linux, Windows® CE, Windows® Mobile	14mm x 14mm	0.5mm	Discrete	*	Low power
88AP320-C0-BGR2C806-TN10	806MHz	6 chip selects	x16 NAND	No	1.8v - 3.3v	Linux, Windows® CE, Windows® Mobile	14mm x 14mm	0.5mm	Discrete	*	Low power
88AP320-C0-BGR2C806-TN11	806MHz	6 chip selects	x16 NAND	No	1.8v - 3.3v	Linux, Windows® CE, Windows® Mobile	14mm x 14mm	0.5mm	Discrete	*	Standard power

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PXA Series

Application Processors

	Frequency	Device Support	Boot Configuration	Security Support	I/O Voltage	Software	Package Size	Ball Pitch	Package Type	I-Temp*	Special Note
88AP320-C0-BGR2C624-TN20	624MHz	6 chip selects	x8 NAND	No	1.8v - 3.3v	Linux, Windows® CE, Windows® Mobile	14mm x 14mm	0.5mm	Discrete	*	Low power
88AP320-C0-BGR2C624-TN21	624MHz	6 chip selects	x8 NAND	No	1.8v - 3.3v	Linux, Windows® CE, Windows® Mobile	14mm x 14mm	0.5mm	Discrete	*	Standard power
88AP320-C0-BGR2C806-TN21	806MHz	6 chip selects	x8 NAND	No	1.8v - 3.3v	Linux, Windows® CE, Windows® Mobile	14mm x 14mm	0.5mm	Discrete	*	Standard power
88AP320-C0-BGR2E806-TN21	806MHz	6 chip selects	x8 NAND	No	1.8v - 3.3v	Linux, Windows® CE, Windows® Mobile	14mm x 14mm	0.5mm	Discrete	Yes	Standard power
PXA270 Family											
88AP270MA2-BGO2C312	312MHz	6 chip selects	x16 NOR	No	1.8v - 3.3v	Linux, Windows® CE, Windows® Mobile	13mm x 13mm	0.5mm	Discrete	*	
88AP270MA2-BGO2C416	416MHz	6 chip selects	x16 NOR	No	1.8v - 3.3v	Linux, Windows® CE, Windows® Mobile	13mm x 13mm	0.5mm	Discrete	*	
88AP270MA2-BGO2C520	520MHz	6 chip selects	x16 NOR	No	1.8v - 3.3v	Linux, Windows® CE, Windows® Mobile	13mm x 13mm	0.5mm	Discrete	*	
88AP270MA2-BGO2C624	624MHz	6 chip selects	x16 NOR	No	1.8v - 3.3v	Linux, Windows® CE, Windows® Mobile	13mm x 13mm	0.5mm	Discrete	*	
88AP270MA2-BHE1C312	312MHz	6 chip selects	x16 NOR	No	1.8v - 3.3v	Linux, Windows® CE, Windows® Mobile	23mm x 23mm	1.0mm	Discrete	*	
88AP270MA2-BHE1E312 (Extended Temp)	312MHz	6 chip selects	x16 NOR	No	1.8v - 3.3v	Linux, Windows® CE, Windows® Mobile	23mm x 23mm	1.0mm	Discrete	Yes	
88AP270MA2-BHE1C416	416MHz	6 chip selects	x16 NOR	No	1.8v - 3.3v	Linux, Windows® CE, Windows® Mobile	23mm x 23mm	1.0mm	Discrete	*	
88AP270MA2-BHE1E416 (Extended Temp)	416MHz	6 chip selects	x16 NOR	No	1.8v - 3.3v	Linux, Windows® CE, Windows® Mobile	23mm x 23mm	1.0mm	Discrete	Yes	

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PXA Series

Application Processors

	Frequency	Device Support	Boot Configuration	Security Support	I/O Voltage	Software	Package Size	Ball Pitch	Package Type	I-Temp*	Special Note
88AP270MA2-BHE1C520	520MHz	6 chip selects	x16 NOR	No	1.8v - 3.3v	Linux, Windows [®] CE, Windows [®] Mobile	23mm x 23mm	1.0mm	Discrete	*	
88AP270MA2-BHE1C624	624MHz	6 chip selects	x16 NOR	No	1.8v - 3.3v	Linux, Windows [®] CE, Windows [®] Mobile	23mm x 23mm	1.0mm	Discrete	*	

*Parts available in temperature range -25C to 85C.