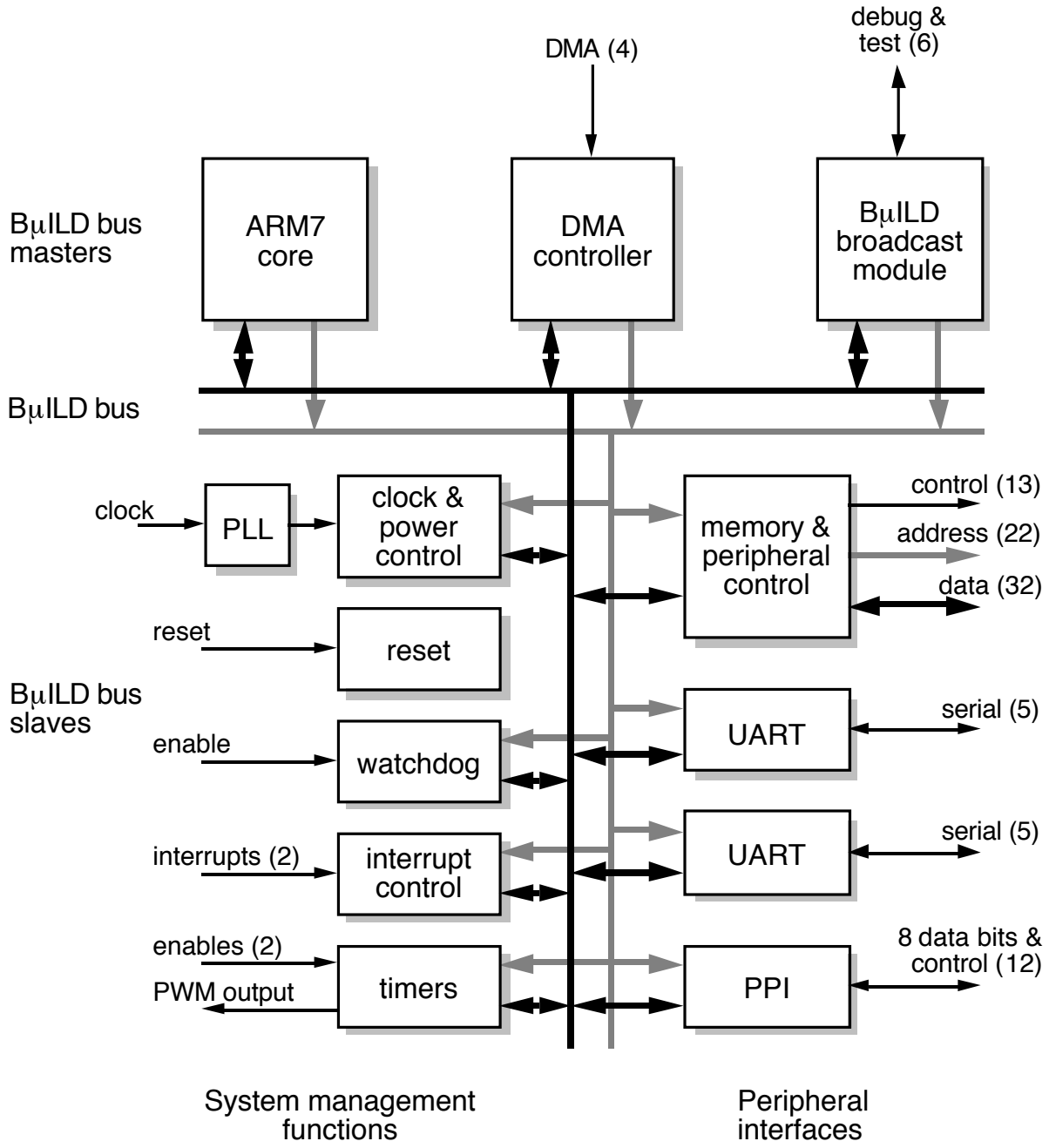
Butterfly microcontroller organization



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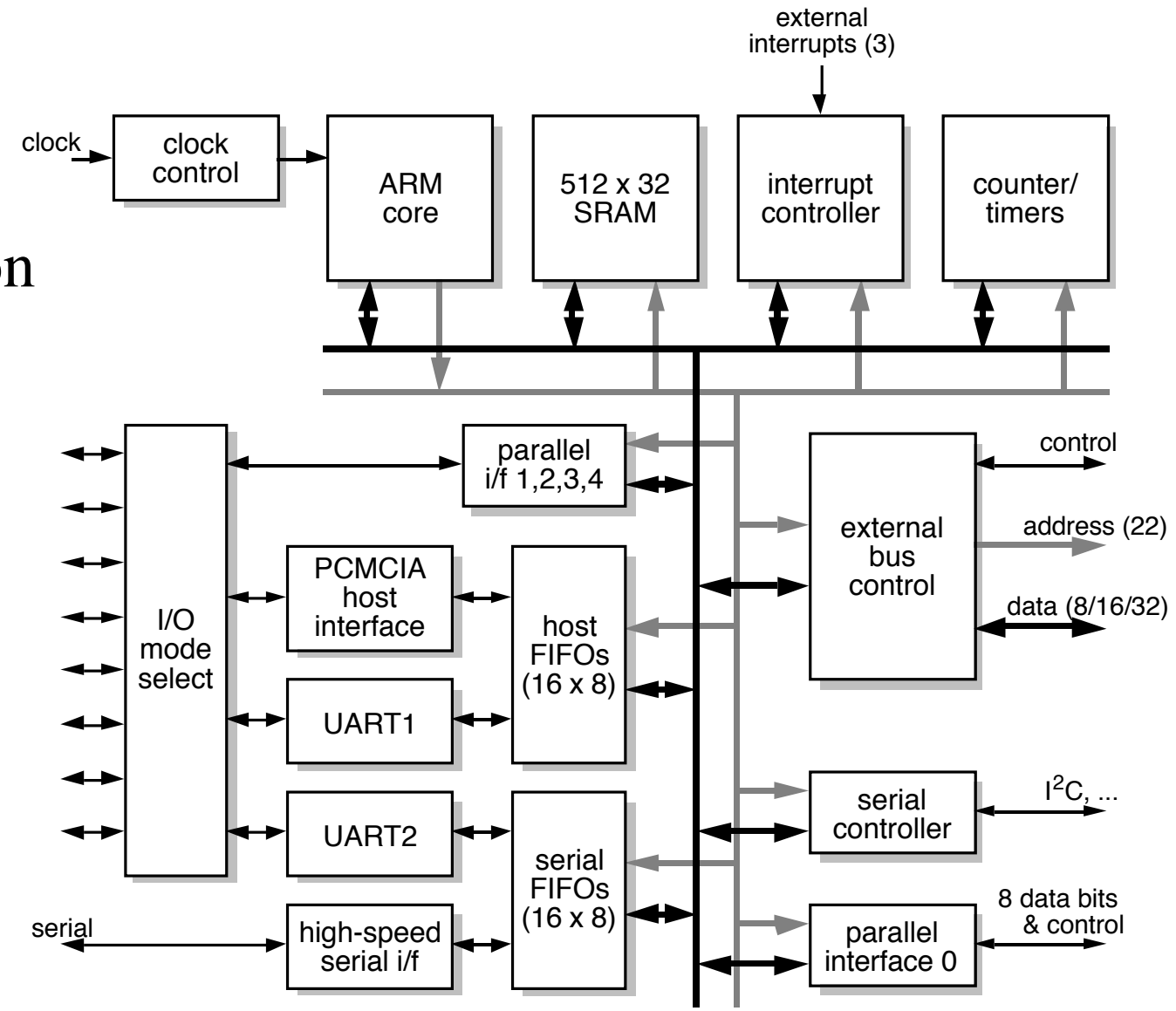
Ruby II advanced communication controller organization



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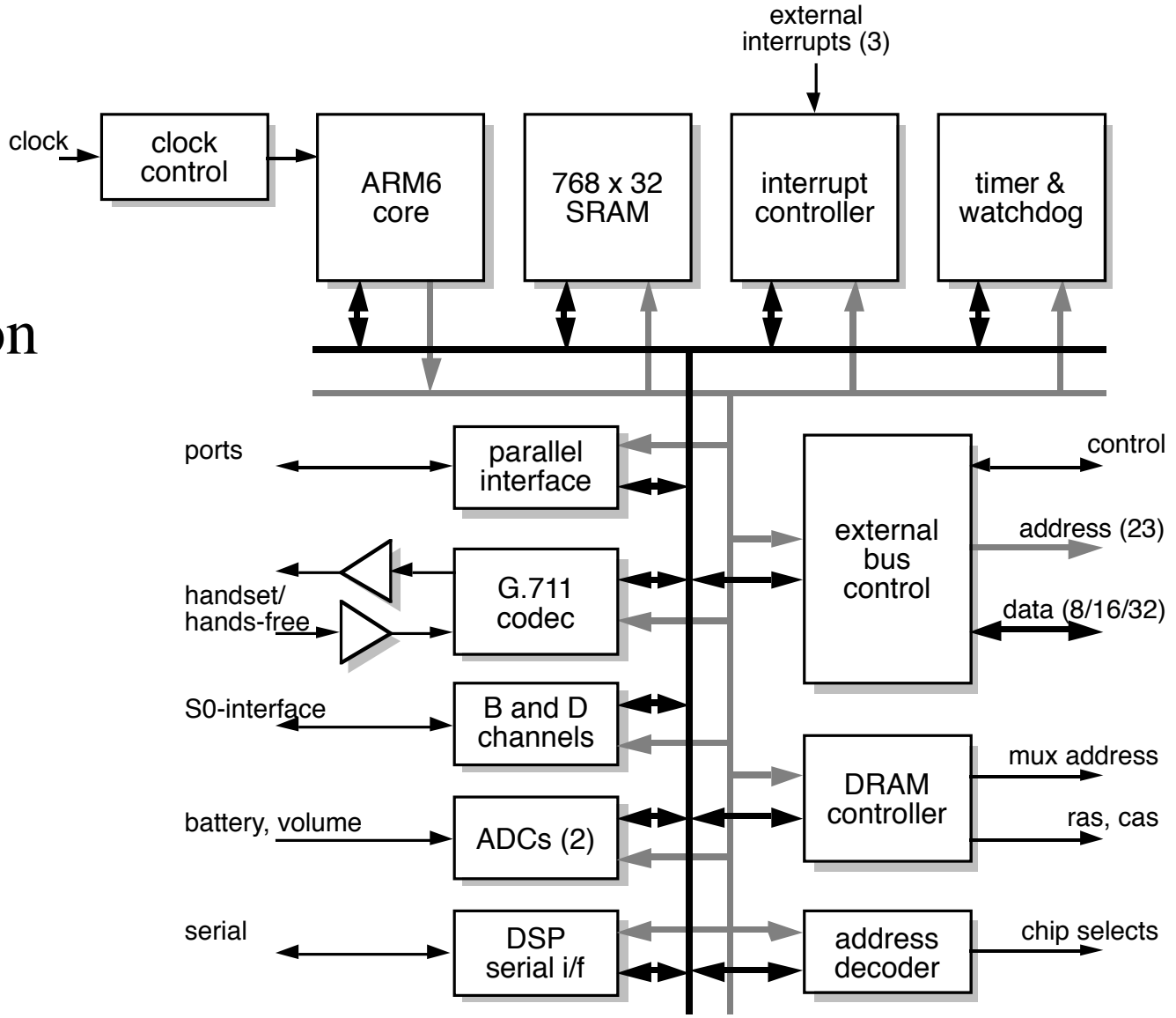
VIP organization



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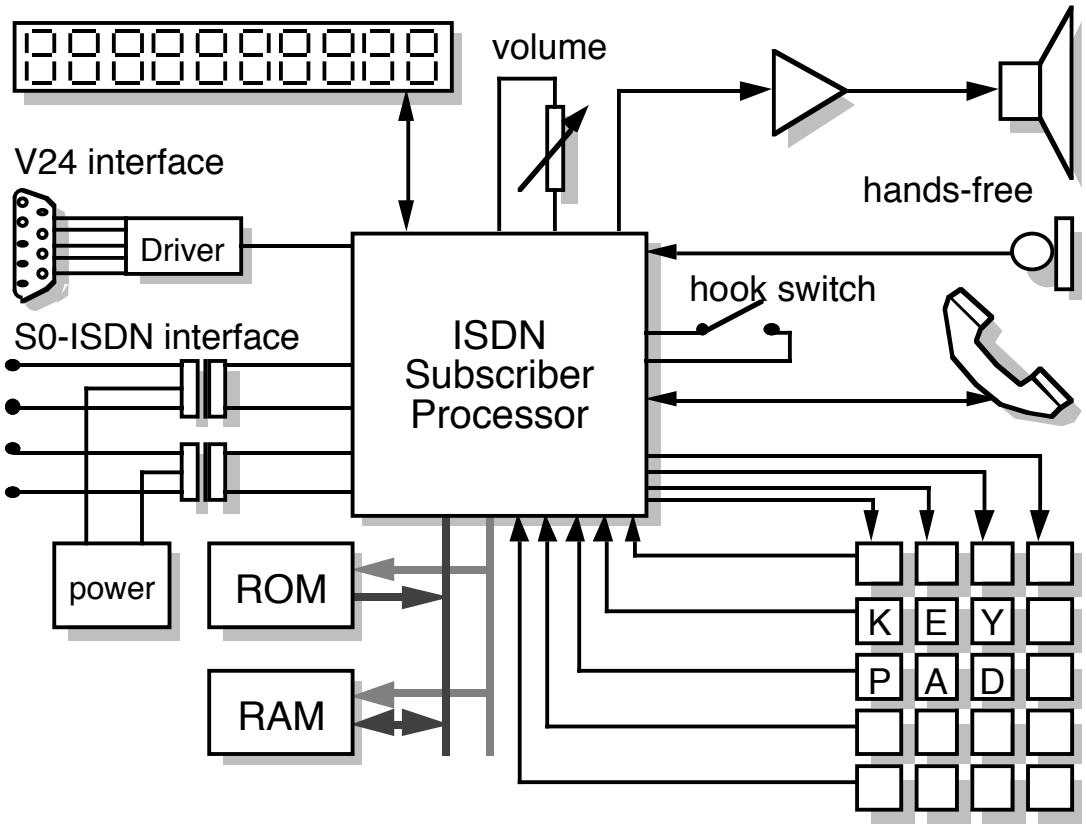
Typical VIP system configuration



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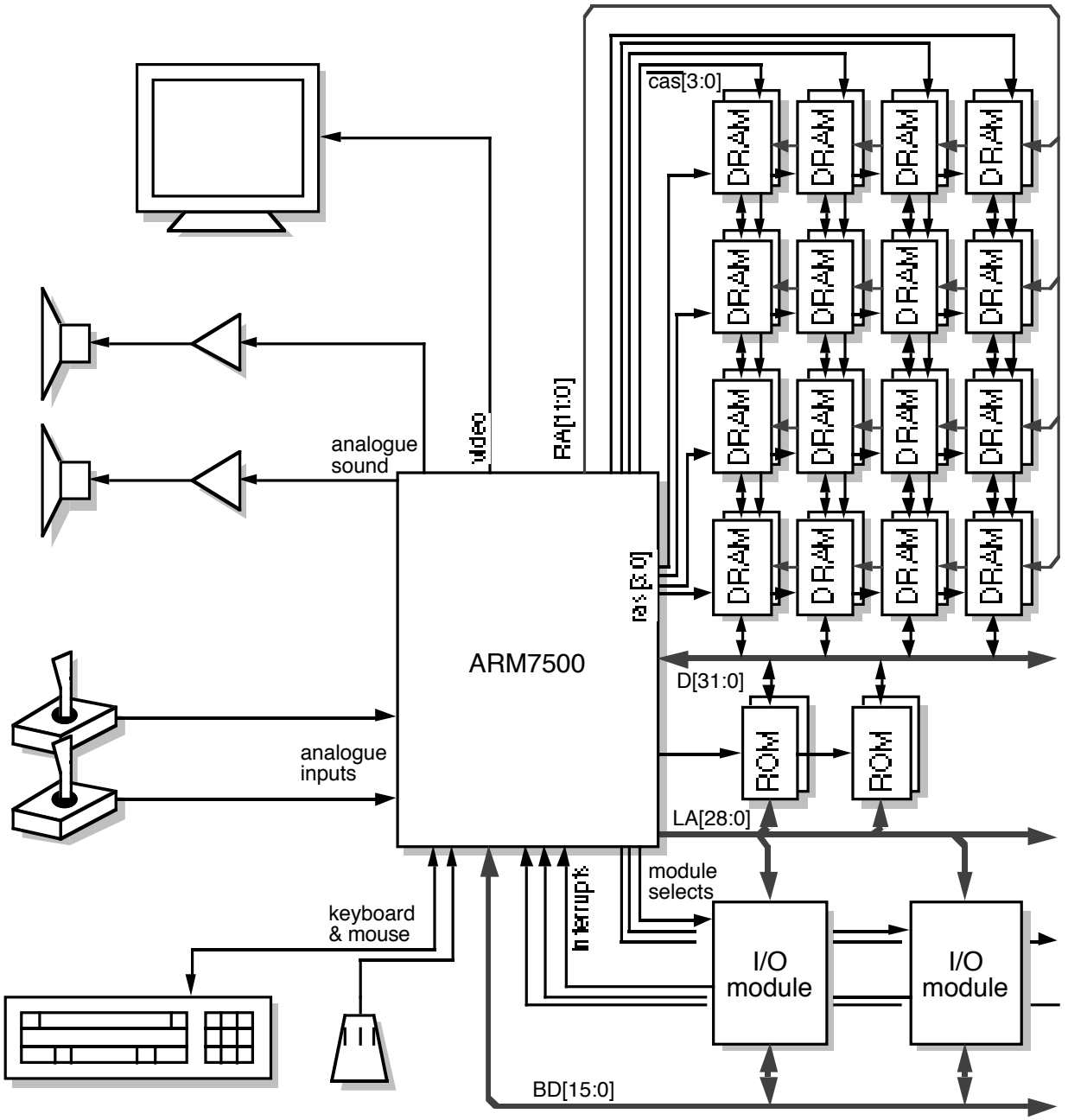
Typical ARM7500 system organization



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ARM7500 characteristics

Process	0.6 μm	**Transistors**	550,000	**MIPS**	30
Metal layers	2	**Die area**	70 mm^2	**Power**	690 mW
Vdd	5 V	**Clock**	0 to 33 MHz	**MIPS/W**	43

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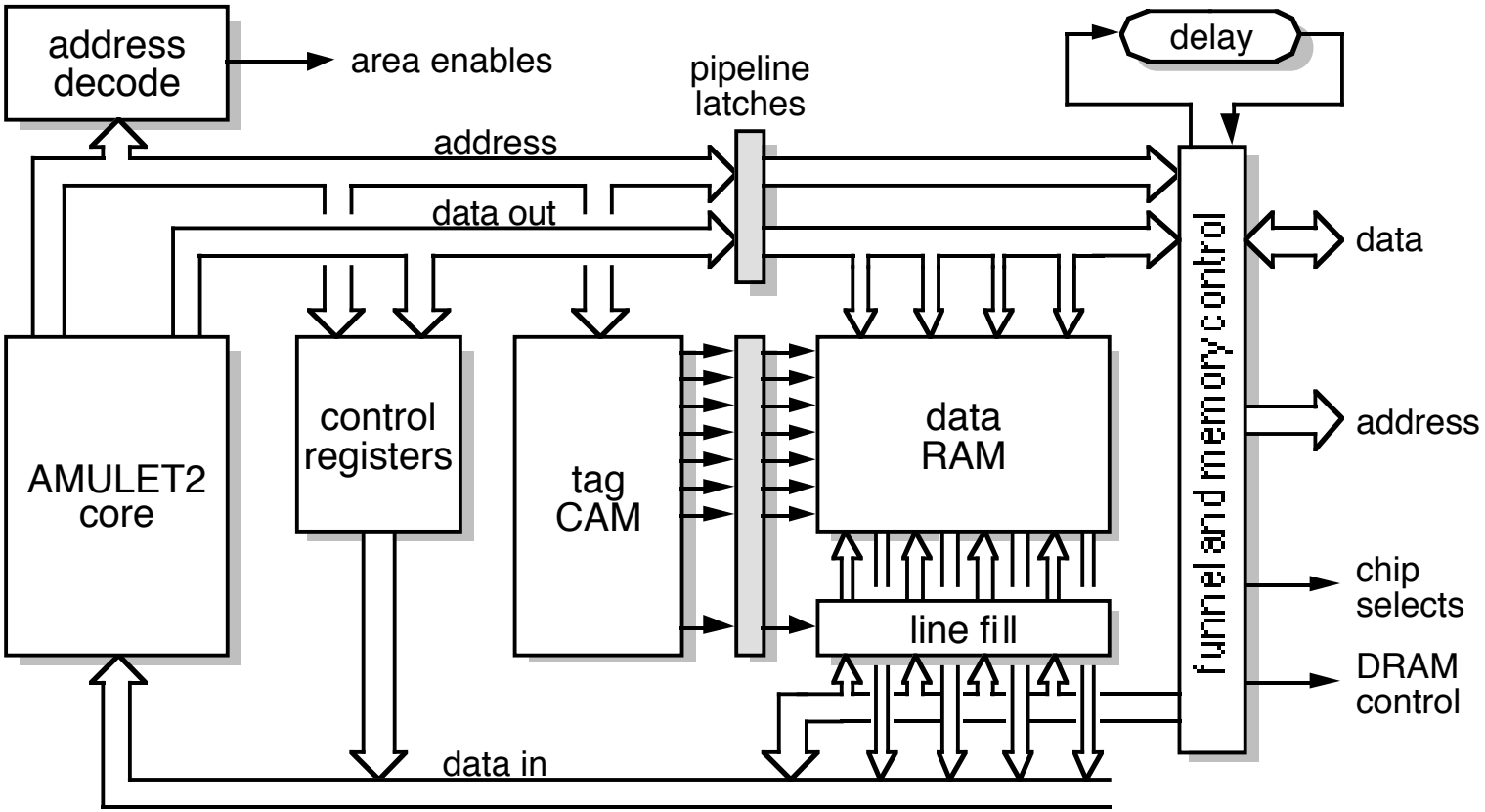
AMULET2e internal organization



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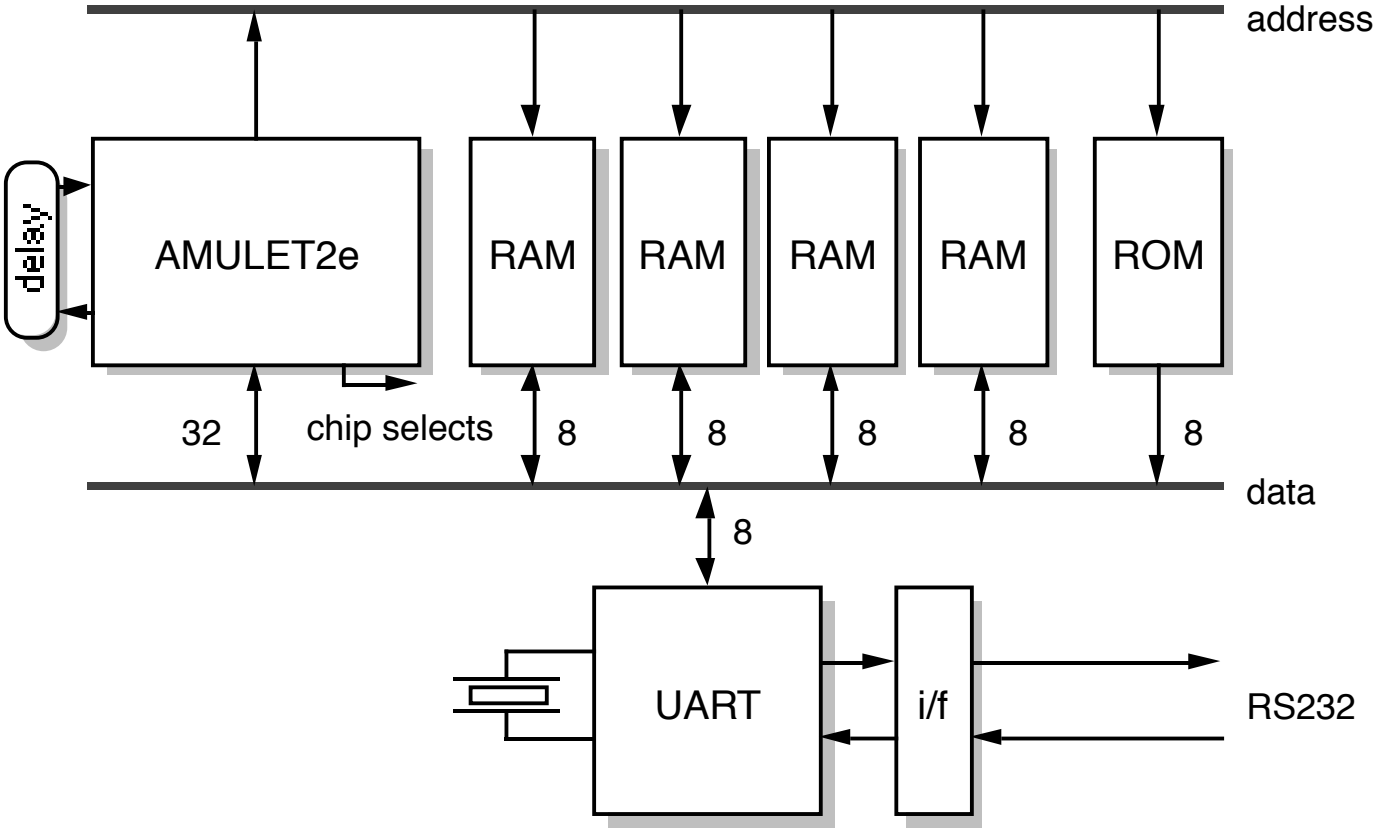
AMULET2e PIE card organization



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AMULET2e characteristics

Process	0.5□um	**Transistors**	454,000	**MIPS**	~40
Metal layers	3	**Die area**	41 mm^2	**Power**	N/A
Vdd	3.3 V	**Clock**	none	**MIPS/W**	N/A

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