

ECE 3710 – RF/ALU Control Points

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Control Points	Function Type	Width
Program Counter Register	Enable	1
	Reset	1
Source Address Register	Enable	1
	Reset	1
Destination Address Register	Enable	1
	Reset	1
Immediate Register	Enable	1
	Reset	1
ALU Output Register	Enable	1
	Reset	1
Register File	Write Enable	1
ALU Control	Instruction Op-Code	4
	Instruction Type	1
ALU	ALU Op-Code	4
ALU Input A MUX	Select	1
ALU Input B MUX	Select	1