

s2	s1	s0	Operation
----	----	----	-----------

0	0	0	AND
---	---	---	-----

0	0	1	OR	S0
---	---	---	----	----

0	1	0	NOT
---	---	---	-----

0	1	1	XOR	S1
---	---	---	-----	----

1	0	0	ADD	A
---	---	---	-----	---

1	0	1	SUB
---	---	---	-----

B

S2

Arithmetic Logic Unit







