

Step	Operation	InR1	InR2	R1mul	R1en	R2mul	R2en	InSel	ASel	BSel	Done	NextStep
0	$R2 = X$?	X	X	0	0	1	00	11	00	0	1
1	$R1 = R2^2$	X^2	X	1	1	X	0	XX	10	10	0	2
2	$R1 = AR1$	AX^2	X	1	1	X	0	01	11	01	0	3
3	$R2 = BR2$	AX^2	AX^2	X	0	1	1	10	11	10	0	4
4	$R1 = R2 + R1$	$AX^2 + BX$	BX	0	1	X	0	XX	01	10	0	5
5	$R1 = R1 + C$	$AX^2 + BX + C$	BX	0	1	X	0	11	11	01	0	6
6	Hold	$AX^2 + BX + C$	BX	X	0	X	0	XX	XX	XX	1	6