

L.D F1, V1(R1)	1	2m	3	4	5	✓	8	9m	10	11	39	✓
L.D F2, V2(R1)	1	3m	4	5	6	✓	8	10m	11	12	39	✓
REV.D F4, F1, F2	2	6d	-	18	19	✓	9	18d	-	30	40	✓
S.D F4, V4(R1)	2	4m	-	-	19	✓	9	11m	-	-	40	
L.D F3, V3(R1)	3	5m	6	7	20	✓	10	12m	13	14	41	
MUL.D F5, F3, F9	3	19x	-	31	32	✓	10	31x	-	43	44	
S.D F5, V5(R1)	4	6m	-	-	32	✓	11	13m	-	-	44	
DADDI R2, R2, -1	4	5i	-	6	33	✓	11	12i	-	13	45	
ADD.D F6, F4, F5	5	32a	-	36	37	✓	11	44a	-	48	49	
S.D F6, V6(R1)	5	7m	-	-	37	✓	12	14m	-	-	49	
DADDUI R1, R1, 8	6	7i	-	8	38	✓	13	14i	-	15	50	
BNEE R2, LOOP	7	85	-	-	38	✓	14	155	-	-	50	

	00 = 2	01 = 2	10 = 2	11 = 2	56 = 11	Min Cnt = 0
L0: 02 AND R1, R2, R3 00 BEQZ R1, L1 T T				3 3	11 11 11	
L1: XOR R4, R1, R3 11 BEQZ R4, L2 NT NT				10 0	10 10 10	1 1
L2: AND R5, R1, R3 00 BEQZ R5, L3 T T		3 3			01 01 01	
L3: DADDI R10, R10, -1 BNEZ R10, L0 T T	3 2				11 11 10	1