Branching Information  Z  INC_dec_en  DR_write_en  OPR_demux  OPR_demux  OPR_demux  OPR_demux  OPR_demux  ALU_op  ALU_op	Next Address
FETCH_1 0000000 0 x 0 0 0 0 0 0 0 0 0 0 0 0 0	0000001
FETCH_2 0000001 0 x 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0000010
FETCH_3 0000010 0 x 0 0 0 1 0 0 0 1 0 0 0 0 0 0	0000011
FETCH_4 0000011 1 x 0 0 0 0 0 0 0 0 0 0 0 0 0 0	XXXXXXX
	0000000
RESET_1 0100010 0 x 0 1 0 0 0 0 0 0 0 0 0 0 0	0000000
	уууууу
LDAC_x yyyyyyy 0 x 0 0 0 0 0 0 0 0 0 0 0 0 0	0010011
LDAC_6 0010011 0 x 0 0 0 1 0 0 0 0 0 0 0 0 0 0	0010100
	0000000
	уууууу
	0110100
	0110101
	0000000
	ууууууу
	1 1000000
LDACMULTI_5 1000000 0 x 0 0 0 0 0 0 0 0 0 0 0 0 0 0	l yyyyyyy
	1 1000011
	l yyyyyyy
	1 1000110
-	l yyyyyyy
LDACMULTI_X   yyyyyyy   0   x   0   0   0   0   0   0   0   0	1001010
	1001011
LDACMULTI_16 1001011 0 x 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0000000
STAC_1 0100100 0 x 0 0 0 0 0 0 0 0 0 0 0 0 0	0100101
STAC_2 0100101 0 x 0 0 0 1 0 0 0 0 0 0 0 0 0 1 0 0 0 1	0100110
\	0000000
STACREG_1 0110110 0 x 0 0 0 0 0 0 1 0 0 0 0 0 0	0110111
STACREG_2 0110111 0 x 0 0 0 1 0 0 0 0 0 0 0 0 0 0	0111000
STACREG_3 0111000 0 x 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0111001
STACREG_4 0111001 0 x 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0111010
STACREG_5 0111010 0 x 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0111011
STACREG_6 0111011 0 x 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1 1001100
STACREG_7 1001100 0 x 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0000000
MOVEAC_1 0010101 0 x 0 0 1 0 0 0 1 1 0 0 0 0 0	0000000
MOVETOAC_1 0010110 0 x 0 0 0 0 0 0 1 1 0 0 1 1 0 0 0 0	0000000
	0000000
JUMP_1 0101000 0 x 0 0 0 1 0 0 0 0 0 0 0 0 0	0000000
JUMPZY_1 0101010 0 1 0 0 0 0 1 0 0 0 0 0 0 0 0	0000000
JUMPZN_1 0101100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0000000
INC_1 0100000 0 x 1 0 0 0 1 0 0 0 0 0 0 0 0	0000000
ADD_1 0000101 0 x 0 0 0 0 0 1 0 0 1 0 0 0 0	0000110
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0000000
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0001100
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0000000
\ <del>-</del>	0001001
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0000000
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0011001
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0000000
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0011100
MOD_2 0011100 0 x 0 0 0 0 0 0 1 0 0 1 0 0 0 0	0000000