14	13	12	11	10	9	8	14	13	12	11	10	9	8	14	13	12	11	10	9	8	14	13	12	11	10	9	8
VCC	2CLR	2D	2CLK	2PRE	2Q	2Q̄	VCC	2CLR	2D	2CLK	2PRE	2Q	2Q̄	VCC	2CLR	2D	2CLK	2PRE	2Q	2Q̄	VCC	2CLR	2D	2CLK	2PRE	2Q	2Q̄
74HC74 FLIP-FLOP							***74HC74 FLIP-FLOP***							***74LS74 FLIP-FLOP***							***74LS74 FLIP-FLOP***						
1CLR	1D	1CLK	1PRE	1Q	1Q̄	GND	1CLR	1D	1CLK	1PRE	1Q	1Q̄	GND	1CLR	1D	1CLK	1PRE	1Q	1Q̄	GND	1CLR	1D	1CLK	1PRE	1Q	1Q̄	GND
1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7
14	13	12	11	10	9	8	14	13	12	11	10	9	8	14	13	12	11	10	9	8	14	13	12	11	10	9	8
VCC	2CLR	2D	2CLK	2PRE	2Q	2Q̄	VCC	2CLR	2D	2CLK	2PRE	2Q	2Q̄	VCC	2CLR	2D	2CLK	2PRE	2Q	2Q̄	VCC	2CLR	2D	2CLK	2PRE	2Q	2Q̄
74HC74 FLIP-FLOP							***74HC74 FLIP-FLOP***							***74LS74 FLIP-FLOP***							***74LS74 FLIP-FLOP***						
1CLR	1D	1CLK	1PRE	1Q	1Q̄	GND	1CLR	1D	1CLK	1PRE	1Q	1Q̄	GND	1CLR	1D	1CLK	1PRE	1Q	1Q̄	GND	1CLR	1D	1CLK	1PRE	1Q	1Q̄	GND
1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7
14	13	12	11	10	9	8	14	13	12	11	10	9	8	14	13	12	11	10	9	8	14	13	12	11	10	9	8
VCC	2CLR	2D	2CLK	2PRE	2Q	2Q̄	VCC	2CLR	2D	2CLK	2PRE	2Q	2Q̄	VCC	2CLR	2D	2CLK	2PRE	2Q	2Q̄	VCC	2CLR	2D	2CLK	2PRE	2Q	2Q̄
74HC74 FLIP-FLOP							***74HC74 FLIP-FLOP***							***74LS74 FLIP-FLOP***							***74LS74 FLIP-FLOP***						
1CLR	1D	1CLK	1PRE	1Q	1Q̄	GND	1CLR	1D	1CLK	1PRE	1Q	1Q̄	GND	1CLR	1D	1CLK	1PRE	1Q	1Q̄	GND	1CLR	1D	1CLK	1PRE	1Q	1Q̄	GND
1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7
14	13	12	11	10	9	8	14	13	12	11	10	9	8	14	13	12	11	10	9	8	14	13	12	11	10	9	8
VCC	2CLR	2D	2CLK	2PRE	2Q	2Q̄	VCC	2CLR	2D	2CLK	2PRE	2Q	2Q̄	VCC	2CLR	2D	2CLK	2PRE	2Q	2Q̄	VCC	2CLR	2D	2CLK	2PRE	2Q	2Q̄
74HC74 FLIP-FLOP							***74HC74 FLIP-FLOP***							***74LS74 FLIP-FLOP***							***74LS74 FLIP-FLOP***						
1CLR	1D	1CLK	1PRE	1Q	1Q̄	GND	1CLR	1D	1CLK	1PRE	1Q	1Q̄	GND	1CLR	1D	1CLK	1PRE	1Q	1Q̄	GND	1CLR	1D	1CLK	1PRE	1Q	1Q̄	GND
1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7
14	13	12	11	10	9	8	14	13	12	11	10	9	8	14	13	12	11	10	9	8	14	13	12	11	10	9	8
VCC	2CLR	2D	2CLK	2PRE	2Q	2Q̄	VCC	2CLR	2D	2CLK	2PRE	2Q	2Q̄	VCC	2CLR	2D	2CLK	2PRE	2Q	2Q̄	VCC	2CLR	2D	2CLK	2PRE	2Q	2Q̄
74HC74 FLIP-FLOP							***74HC74 FLIP-FLOP***							***74LS74 FLIP-FLOP***							***74LS74 FLIP-FLOP***						
1CLR	1D	1CLK	1PRE	1Q	1Q̄	GND	1CLR	1D	1CLK	1PRE	1Q	1Q̄	GND	1CLR	1D	1CLK	1PRE	1Q	1Q̄	GND	1CLR	1D	1CLK	1PRE	1Q	1Q̄	GND
1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7
14	13	12	11	10	9	8	14	13	12	11	10	9	8	14	13	12	11	10	9	8	14	13	12	11	10	9	8
VCC	2CLR	2D	2CLK	2PRE	2Q	2Q̄	VCC	2CLR	2D	2CLK	2PRE	2Q	2Q̄	VCC	2CLR	2D	2CLK	2PRE	2Q	2Q̄	VCC	2CLR	2D	2CLK	2PRE	2Q	2Q̄
74HC74 FLIP-FLOP							***74HC74 FLIP-FLOP***							***74LS74 FLIP-FLOP***							***74LS74 FLIP-FLOP***						
1CLR	1D	1CLK	1PRE	1Q	1Q̄	GND	1CLR	1D	1CLK	1PRE	1Q	1Q̄	GND	1CLR	1D	1CLK	1PRE	1Q	1Q̄	GND	1CLR	1D	1CLK	1PRE	1Q	1Q̄	GND
1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7