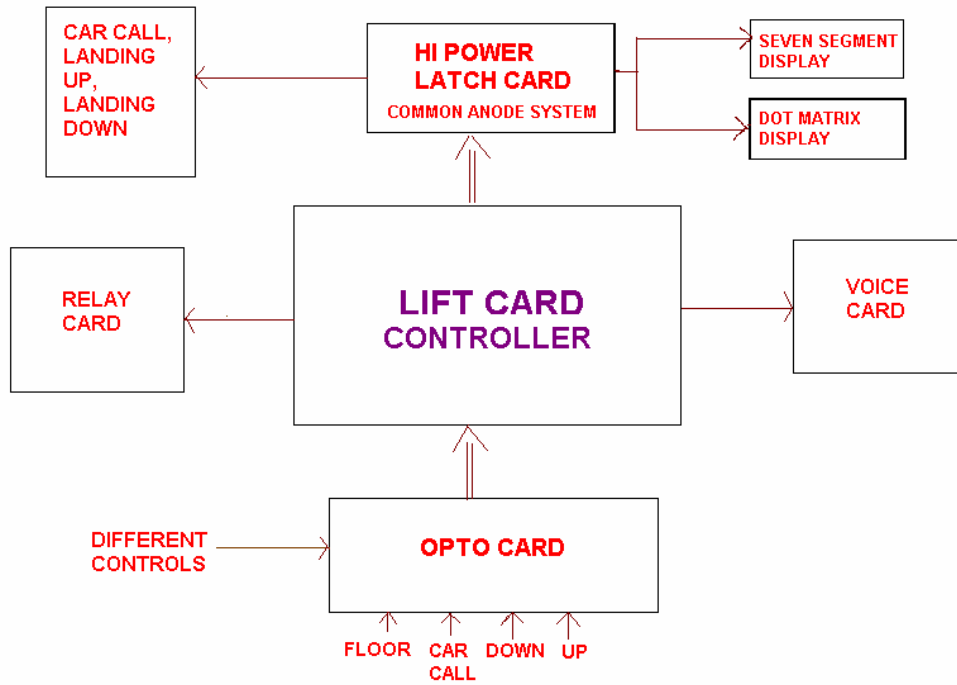
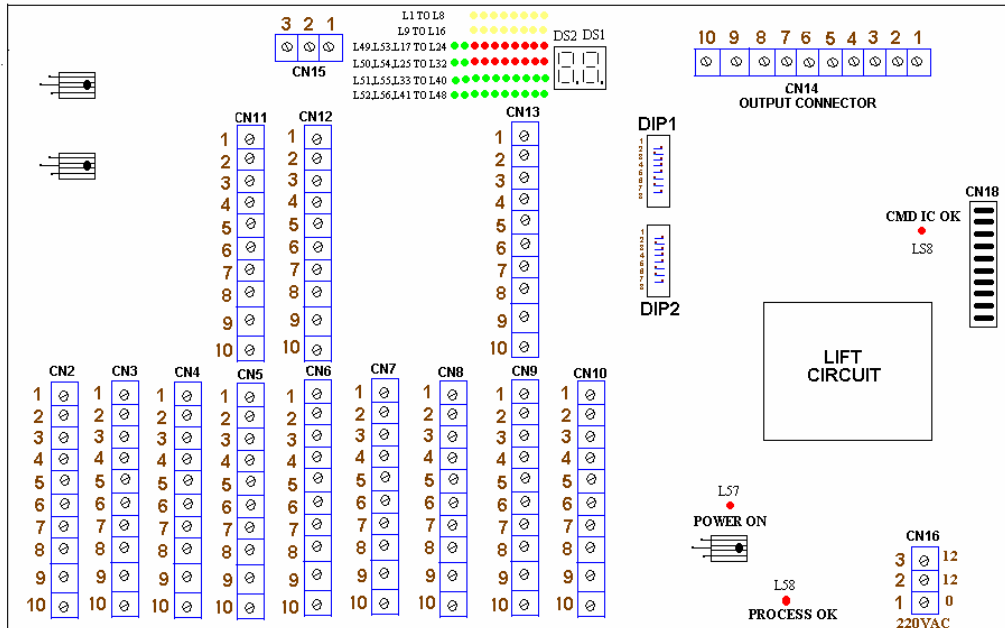


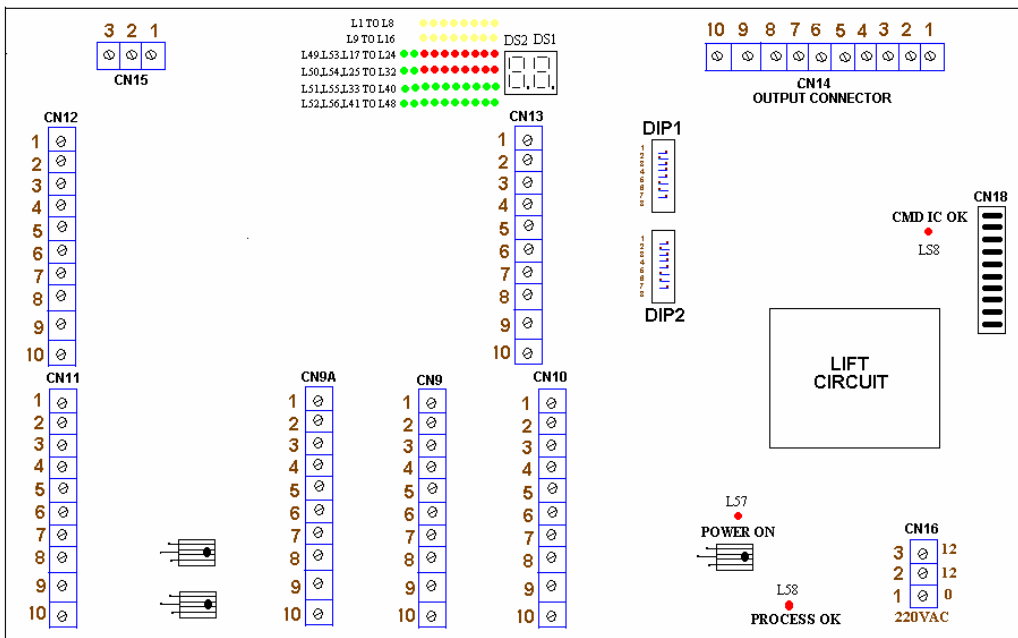
LIFT BLOCK DIAGRAM



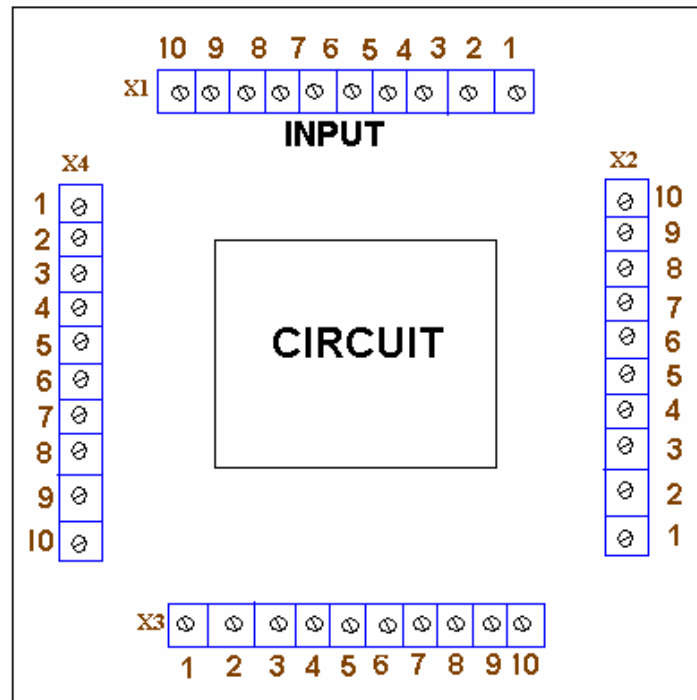
LIFT CARD (BIG)



LIFT CARD (SMALL)



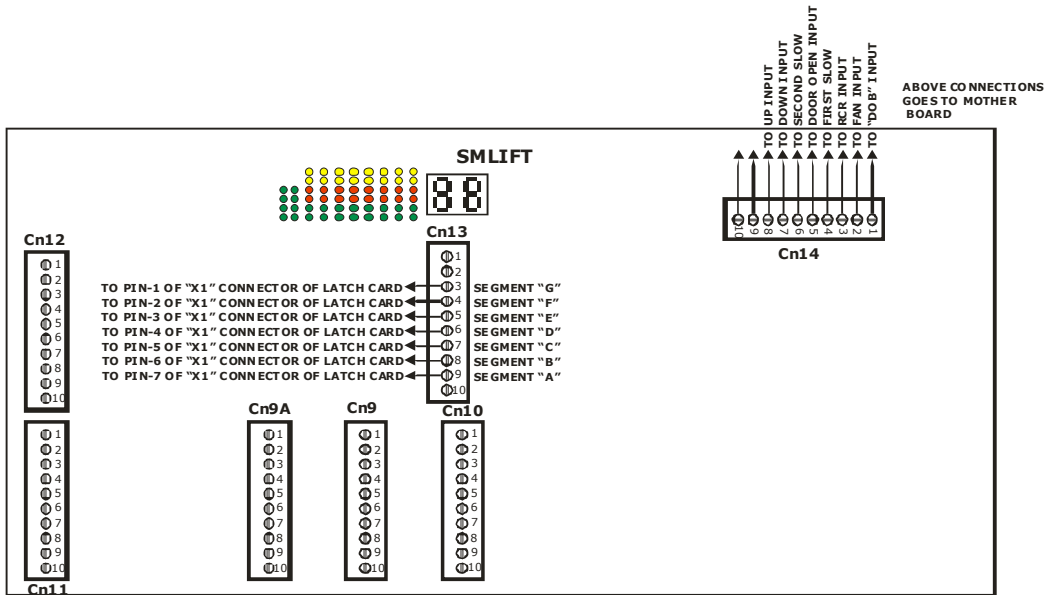
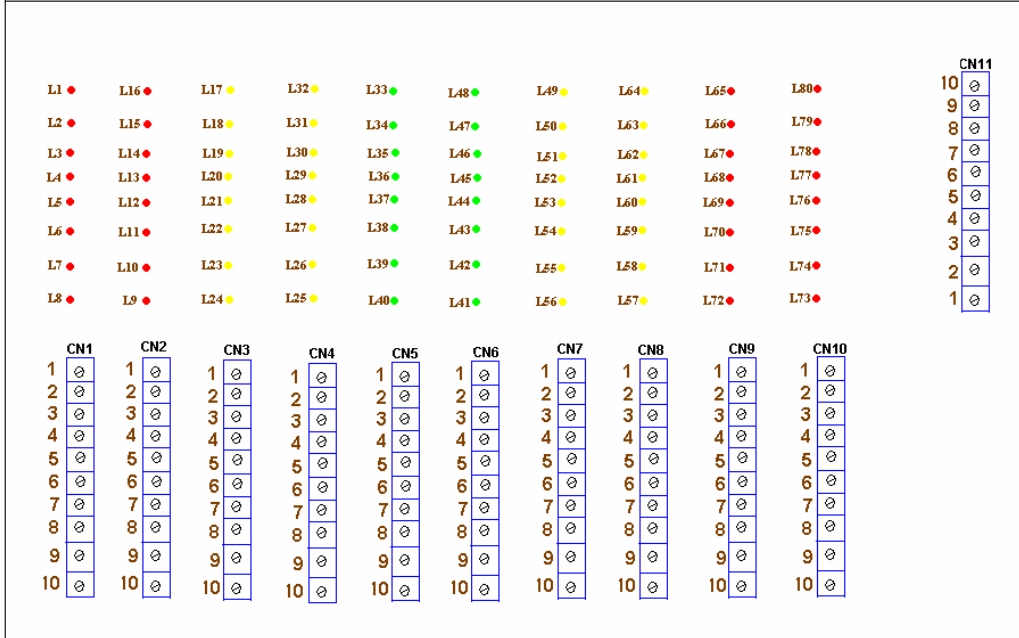
LATCH CARD

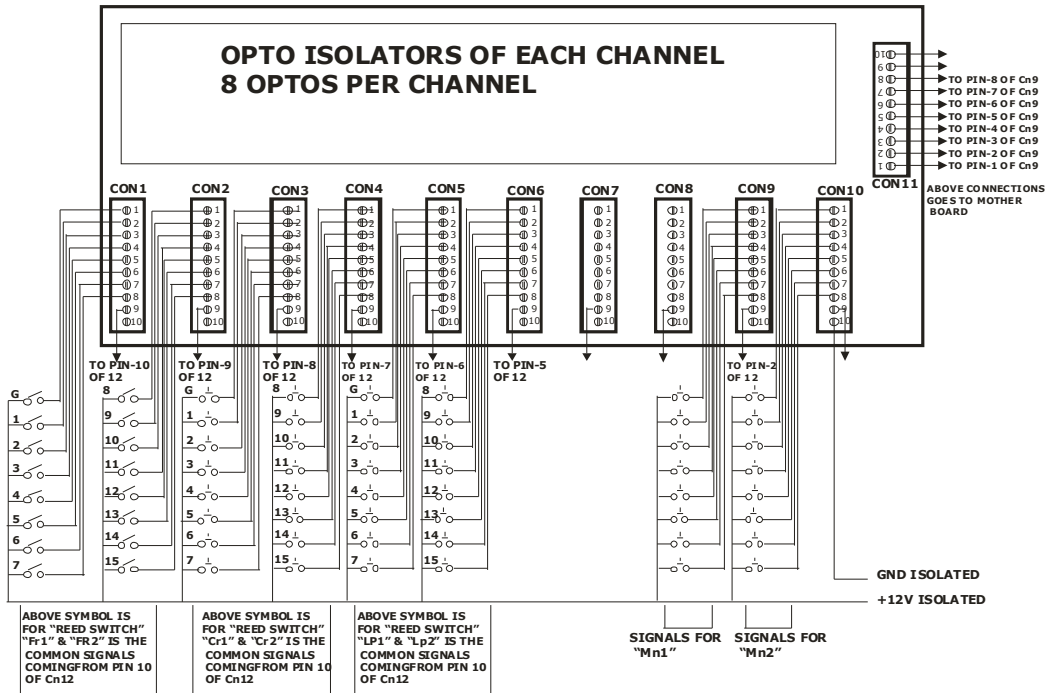


NOTE: REFER THE NOS. ACCORDING TO CONNECTOR

WHEN OUTPUT (CN 14) FROM LIFT CARD IS GIVEN TO INPUT (CN X1) OF LATCH CARD THEN IT LATCHES THE CONTENT AND GIVES THE RESPECTIVE LATCHED OUTPUT FROM CN X2, X3 OR X4.

OPTO CARD





CONNECTOR CONNECTIONS CN12

CN12 PIN NO.	MODE	FUNCTION
1	MN2	CONTROL SELECTION INPUT 2
2	MN1	CONTROL SELECTION INPUT 1
3	LPU2	9 TO 16 FLOOR LANDING UP SWITCH INPUT
4	LPU1	1 TO 8 FLOOR LANDING UP SWITCH INPUT
5	LPD2	9 TO 16 FLOOR LANDING DOWN SWITCH INPUT
6	LPD1	1 TO 8 FLOOR LANDING DOWN SWITCH INPUT
7	CP2	9 TO 16 FLOOR CAR SWITCH INPUT
8	CP1	1 TO 8 FLOOR CAR SWITCH INPUT
9	FR2	9 TO 16 FLOOR READ SWITCH INPUT
10	FR1	1 TO 8 FLOOR READ SWITCH INPUT

CONTROL INPUTS (MN1 & MN2)

INPUTS		MODE
FROM	TO	
CN12 PIN2	CN2 PIN1	MAINTENANCE MODE (KEEP IT HOLD)

CN12 PIN2	CN2 PIN2	LIFT UP MAINTAINENCE
CN12 PIN2	CN2 PIN3	LIFT DOWN MAINTAINENCE
CN12 PIN2	CN2 PIN4	ATTENDANCE
CN12 PIN2	CN2 PIN5	ATTENDENCE NON STOP(REVERSE)
CN12 PIN2	CN2 PIN6	CAR DOOR SWITCH PL1
CN12 PIN2	CN2 PIN7	LANDING GATE SWITCH PL2
CN12 PIN2	CN2 PIN8	NC
CN12 PIN1	CN3 PIN9	DOOR OPEN INPUT
CN12 PIN1	CN3 PIN10	REVERSE ATTENDENCE MODE
CN12 PIN1	CN4 PIN9	NC
CN12 PIN1	CN4 PIN10	FIRST SPEED
CN12 PIN1	CN5 PIN9	SECOND SPEED
CN12 PIN1	CN5 PIN10	ANTICRYPT
CN6 PIN9	CN12 PIN1	NC
CN6 PIN10	CN12 PIN1	FIRE MODE

NOTE: LPU1 & LPU2 WORKS IN COLLECTIVE/SELECTIVE

LANDING UP SWITCH INPUT (LPU1 & LPU2)

INPUTS		FLOOR LANDING UP
FROM	TO	
CN12 PIN 4	CN4 PIN 1	GND
CN12 PIN 4	CN4 PIN 2	1 ST
CN12 PIN 4	CN4 PIN 3	2 ND
CN12 PIN 4	CN4 PIN 4	3 RD
CN12 PIN 4	CN4 PIN 5	4 TH
CN12 PIN 4	CN4 PIN 6	5 TH
CN12 PIN 4	CN4 PIN 7	6 TH
CN12 PIN 4	CN4 PIN 8	7 TH
CN12 PIN 3	CN3 PIN 1	8 TH
CN12 PIN 3	CN3 PIN 2	9 TH
CN12 PIN 3	CN3 PIN 3	10 TH
CN12 PIN 3	CN3 PIN 4	11 TH
CN12 PIN 3	CN3 PIN 5	12 TH
CN12 PIN 3	CN3 PIN 6	13 TH
CN12 PIN 3	CN3 PIN 7	14 TH
CN12 PIN 3	CN3 PIN 8	15 TH

LANDING DOWN SWITCH INPUT (LPD1 & LPD2)

INPUTS		FLOOR LANDING DOWN
FROM	TO	
CN12 PIN 6	CN6 PIN 1	GND
CN12 PIN 6	CN6 PIN 2	1 ST
CN12 PIN 6	CN6 PIN 3	2 ND
CN12 PIN 6	CN6 PIN 4	3 RD
CN12 PIN 6	CN6 PIN 5	4 TH
CN12 PIN 6	CN6 PIN 6	5 TH
CN12 PIN 6	CN6 PIN 7	6 TH
CN12 PIN 6	CN6 PIN 8	7 TH
CN12 PIN 5	CN5 PIN 1	8 TH
CN12 PIN 5	CN5 PIN 2	9 TH
CN12 PIN 5	CN5 PIN 3	10 TH
CN12 PIN 5	CN5 PIN 4	11 TH
CN12 PIN 5	CN5 PIN 5	12 TH
CN12 PIN 5	CN5 PIN 6	13 TH
CN12 PIN 5	CN5 PIN 7	14 TH
CN12 PIN 5	CN5 PIN 8	15 TH

CAR SWITCH INPUT (CP1 & CP2)

INPUTS		FLOOR CAR
FROM	TO	
CN12 PIN 8	CN8 PIN 1	GND
CN12 PIN 8	CN8 PIN 2	1 ST
CN12 PIN 8	CN8 PIN 3	2 ND
CN12 PIN 8	CN8 PIN 4	3 RD
CN12 PIN 8	CN8 PIN 5	4 TH
CN12 PIN 8	CN8 PIN 6	5 TH
CN12 PIN 8	CN8 PIN 7	6 TH
CN12 PIN 8	CN8 PIN 8	7 TH
CN12 PIN 7	CN7 PIN 1	8 TH
CN12 PIN 7	CN7 PIN 2	9 TH
CN12 PIN 7	CN7 PIN 3	10 TH
CN12 PIN 7	CN7 PIN 4	11 TH
CN12 PIN 7	CN7 PIN 5	12 TH
CN12 PIN 7	CN7 PIN 6	13 TH

CN12 PIN 7	CN7 PIN 7	14 TH
CN12 PIN 7	CN7 PIN 8	15 TH

FLOOR READ SWITCH INPUT (FR1 & FR2)

INPUTS		FLOOR READ
FROM	TO	
CN12 PIN 10	CN10 PIN 1	GND
CN12 PIN 10	CN10 PIN 2	1 ST
CN12 PIN 10	CN10 PIN 3	2 ND
CN12 PIN 10	CN10 PIN 4	3 RD
CN12 PIN 10	CN10 PIN 5	4 TH
CN12 PIN 10	CN10 PIN 6	5 TH
CN12 PIN 10	CN10 PIN 7	6 TH
CN12 PIN 10	CN10 PIN 8	7 TH
CN12 PIN 9	CN9 PIN 1	8 TH
CN12 PIN 9	CN9 PIN 2	9 TH
CN12 PIN 9	CN9 PIN 3	10 TH
CN12 PIN 9	CN9 PIN 4	11 TH
CN12 PIN 9	CN9 PIN 5	12 TH
CN12 PIN 9	CN9 PIN 6	13 TH
CN12 PIN 9	CN9 PIN 7	14 TH
CN12 PIN 9	CN9 PIN 8	15 TH

CN14 CONNECTIONS-OUTPUTS

CN14 PIN NO.	FUNCTION (RELAY OUTPUT)
1	FAN
2	BUZZER
3	DOOR OPEN
4	2 ND SLOW
5	1 ST SLOW
6	DOWN DIRECTION
7	UP DIRECTION
8	RETARDING CAMP
9	NC
10	GROUND

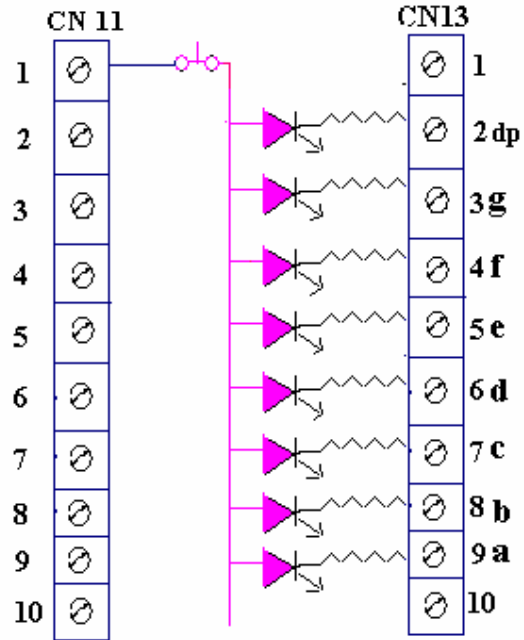
LEDs INDICATIONS – OUTPUT

LEDs	CONNECTOR PIN	INDICATIONS
L1 TO L8	C15 PIN2	UP LANDING CALL 9 TO 16 FLOOR
L9 TO L16	C15 PIN1	UP LANDING CALL 1 TO 8 FLOOR
L17 TO L24	CN11 PIN5	CAR CALL 9 TO 16 FLOOR
L25 TO L32	CN11 PIN1	CAR CALL 1 TO 8 FLOOR
L33 TO L40	CN11 PIN2	DOWN CALL 9 TO 16 FLOOR
L41 TO L48	CN11 PIN3	DOWN CALL 1 TO 8 FLOOR
L49	CN11 PIN4	UP MOVEMENT
L50	CN11 PIN4	DOWN MOVEMENT
L51	CN11 PIN4	NC
L52	CN11 PIN4	NON-STOP
L53	CN11 PIN4	ATTENDANCE MODE
L54	CN11 PIN4	MAINTAINANCE MODE
L55	CN11 PIN4	FIRE MODE
L56	CN11 PIN4	NC
DS 1	CN11 PIN6	UNIT
DS 2	CN11 PIN7	TENS

DISPLAY OUTPUT MATRIX (COMMON ANODE)

CN13 PIN NO.	SEGMENT
9	a
8	b
7	c
6	d
5	e
4	f
3	g
2	dp

CONNECTIONS FOR CN 11 & CN 13



CN 11 PIN NO.1 WHEN CONNECTED TO CN 13 PIN 2 TO 9 RESPECTIVELY THEN SEGMENTS dP TO a OF 7 SEGMENT DISPLAY WILL GLOW.

NOTE: CN- CONNECTOR

DIP2

1	2	BASEMENT SELECTION	3	4	5	6	FLOOR	7	8	FUNCTION
0	0	GROUND	×	×	×	×		×	0	DOWN SELECTIVE
0	1	B1	×	×	×	×		×	1	COLLECTIVE SELECTIVE
1	0	B2	×	×	×	×		0	×	MANUAL DOOR
1	1	B3	×	×	×	×		1	×	AUTO DOOR
×	×		0	0	0	0	GND	×	×	
×	×		0	0	0	1	1 ST	×	×	
×	×		0	0	1	0	2 ND	×	×	
×	×		0	0	1	1	3 RD	×	×	
×	×		0	1	0	0	4 TH	×	×	
×	×		0	1	0	1	5 TH	×	×	
×	×		0	1	1	0	6 TH	×	×	
×	×		0	1	1	1	7 TH	×	×	
×	×		1	0	0	0	8 TH	×	×	
×	×		1	0	0	1	9 TH	×	×	
×	×		1	0	1	0	10 TH	×	×	
×	×		1	0	1	1	11 TH	×	×	
×	×		1	1	0	0	12 TH	×	×	
×	×		1	1	0	1	13 TH	×	×	
×	×		1	1	1	0	14 TH	×	×	
×	×		1	1	1	1	15 TH	×	×	