

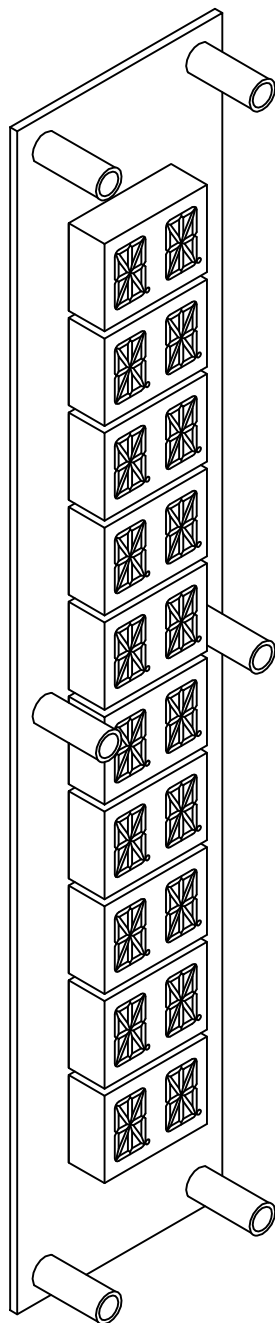


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# ODBA10-XX

Ver. 4 Rel. 10/28/2016

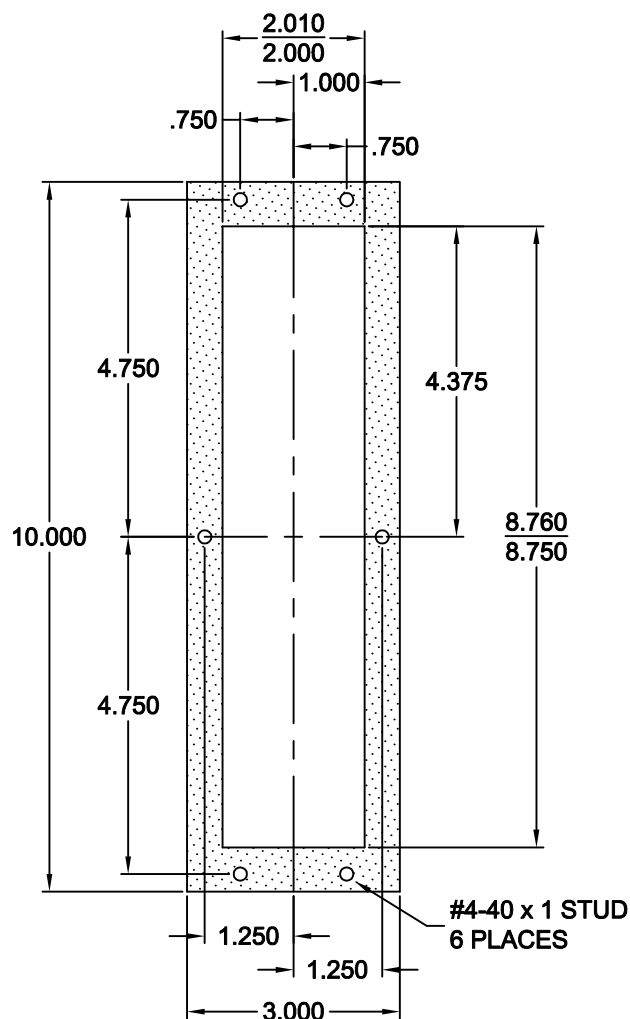
OTIS



## RENEWAL PARTS

Lens: 104-5584 RED  
Lens: 104-6584 GRAY  
Lens: 104-9584 BLUE

## PANEL PREP



## 1/2 INCH - 10 DUAL DIGIT DESTINATION ANNUNCIATOR

This display is capable of showing destination based information of up to 10 landings at a time. If more floors need to be displayed it will scroll the floors. Units can display any alphanumeric character within a 1/2 inch LED display.

### Features:

- Destination Based information
- For Otis Elevonic 411 type controller

## TO ORDER:-SPECIFY ODBA10 - X X

### COLOR:

"R" = RED  
"G" = GREEN  
"B" = BLUE

### LENS:

"R" = RED  
"G" = GRAY  
"B" = BLUE  
"X" = NO LENS

### NOTE:

1-1/2 INCH MINIMUM DEPTH OF UNIT

JOB# \_\_\_\_\_

# ODBA10-X

93C86 EEPROM. Use ODAA.EXE to program. EEPROM can be used in either front or back socket (not both).

## EEPROM PROGRAMMING EXAMPLE FLOORS: L, 11-20

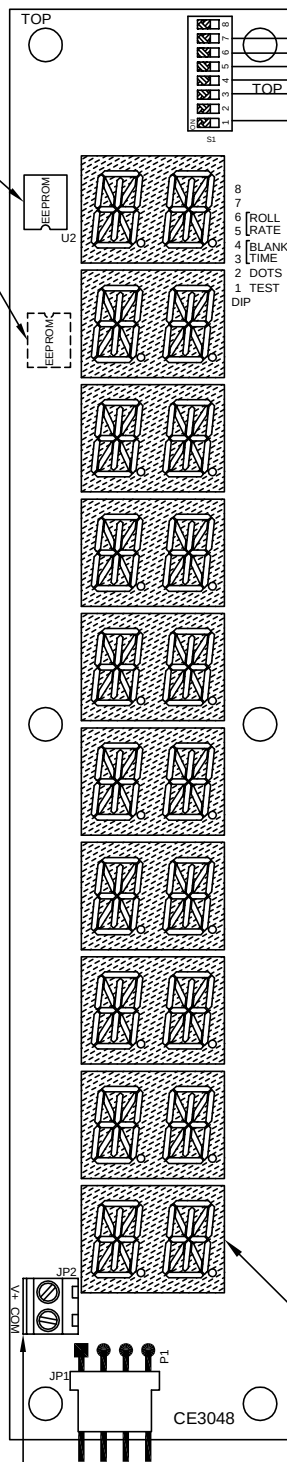
|                 | 2 Char Display | Display Order |
|-----------------|----------------|---------------|
| ADDRESS 4 BIT 1 |                | 0             |
| ADDRESS 4 BIT 2 |                | 0             |
| ADDRESS 4 BIT 3 |                | 0             |
| ADDRESS 4 BIT 4 |                | 0             |
| ADDRESS 5 BIT 1 |                | 0             |
| ADDRESS 5 BIT 2 |                | 0             |

NOTE: Floors can be programmed at any valid address (Address 40 is shown as an example).

|                  |    |    |
|------------------|----|----|
| ADDRESS 39 BIT 3 |    | 0  |
| ADDRESS 39 BIT 4 |    | 0  |
| ADDRESS 40 BIT 1 | L  | 1  |
| ADDRESS 40 BIT 2 | 11 | 2  |
| ADDRESS 40 BIT 3 | 12 | 3  |
| ADDRESS 40 BIT 4 | 13 | 4  |
| ADDRESS 41 BIT 1 | 14 | 5  |
| ADDRESS 41 BIT 2 | 15 | 6  |
| ADDRESS 41 BIT 3 | 16 | 7  |
| ADDRESS 41 BIT 4 | 17 | 8  |
| ADDRESS 42 BIT 1 | 18 | 9  |
| ADDRESS 42 BIT 2 | 19 | 10 |
| ADDRESS 42 BIT 3 | 20 | 11 |
| ADDRESS 42 BIT 4 |    | 0  |
| ADDRESS 43 BIT 1 |    | 0  |
| ADDRESS 63 BIT 3 |    | 0  |
| ADDRESS 63 BIT 4 |    | 0  |

In this column, put the two characters to be displayed when the bit is "ON". Leave blank for no characters. Valid characters are 0, 1-9, and A-Z.

In this column, put the order the two characters should be displayed in. Typically, the lowest order is the bottom floor and the highest order is the top floor.



0 = Pointed Arrow, 1 = Solid Bar

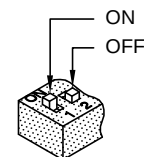
| DS 6 | DS 5 | ROLL RATE |
|------|------|-----------|
| 0    | 0    | 1.00 SEC. |
| 0    | 1    | 0.75 SEC. |
| 1    | 0    | 1.25 SEC. |
| 1    | 1    | 1.50 SEC. |

| DS 4 | DS 3 | BLANK TIME |
|------|------|------------|
| 0    | 0    | 2.00 SEC.  |
| 0    | 1    | 1.50 SEC.  |
| 1    | 0    | 3.00 SEC.  |
| 1    | 1    | 4.00 SEC.  |

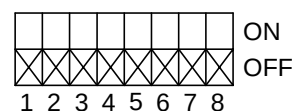
0 = Normal Operation, 1 = Self-Test

NOTE: If the unit isn't reading the Serial Data Link, the displays may show one of two error codes:

1. NO/L1/L2 if both the data and clock signals are missing, or
2. The top display only shows a decimal point if only one of the signals is missing.



### DEFAULT SETTINGS



CODE VERSION \_\_\_\_\_

BOARD VERSION CE3048 \_\_\_\_\_

Higher active "Display Order" numbers.

Lowest active "Display Order" number (not zero).

Unit will roll the two-character displays if more than 10 floors are active.

|                                                |                                |                       |                                                                                        |
|------------------------------------------------|--------------------------------|-----------------------|----------------------------------------------------------------------------------------|
| DATE DRAWN:<br>2/11/05                         | DRAWN BY:<br>DWS, DAC          | REQUESTED BY:<br>J.K. | C.E. ELECTRONICS, INC.<br>2107 Industrial Drive<br>Bryan, Ohio 43506<br>(419) 636-6705 |
| BOARD NUMBER:<br>3048                          | LAST DATE REVISED:<br>11/10/09 | APPROVED BY:          |                                                                                        |
| PRODUCT:<br>OTIS DESTINATION-BASED ANNUNCIATOR |                                |                       |                                                                                        |
| DWG. NO.<br>ODBA10-01                          |                                |                       | REV.<br>E                                                                              |

# ODBA FLOOR PROGRAMMING CHART

| OTIS ADDR/BIT    | 2-CHAR<br>DISPLAY | DISPLAY<br>ORDER | OTIS ADDR/BIT    | 2-CHAR<br>DISPLAY | DISPLAY<br>ORDER | OTIS ADDR/BIT    | 2-CHAR<br>DISPLAY | DISPLAY<br>ORDER | OTIS ADDR/BIT    | 2-CHAR<br>DISPLAY | DISPLAY<br>ORDER |
|------------------|-------------------|------------------|------------------|-------------------|------------------|------------------|-------------------|------------------|------------------|-------------------|------------------|
| ADDRESS 0 BIT 1  |                   |                  | ADDRESS 16 BIT 1 |                   |                  | ADDRESS 32 BIT 1 |                   |                  | ADDRESS 48 BIT 1 |                   |                  |
| ADDRESS 0 BIT 2  |                   |                  | ADDRESS 16 BIT 2 |                   |                  | ADDRESS 32 BIT 2 |                   |                  | ADDRESS 48 BIT 2 |                   |                  |
| ADDRESS 0 BIT 3  |                   |                  | ADDRESS 16 BIT 3 |                   |                  | ADDRESS 32 BIT 3 |                   |                  | ADDRESS 48 BIT 3 |                   |                  |
| ADDRESS 0 BIT 4  |                   |                  | ADDRESS 16 BIT 4 |                   |                  | ADDRESS 32 BIT 4 |                   |                  | ADDRESS 48 BIT 4 |                   |                  |
| ADDRESS 1 BIT 1  |                   |                  | ADDRESS 17 BIT 1 |                   |                  | ADDRESS 33 BIT 1 |                   |                  | ADDRESS 49 BIT 1 |                   |                  |
| ADDRESS 1 BIT 2  |                   |                  | ADDRESS 17 BIT 2 |                   |                  | ADDRESS 33 BIT 2 |                   |                  | ADDRESS 49 BIT 2 |                   |                  |
| ADDRESS 1 BIT 3  |                   |                  | ADDRESS 17 BIT 3 |                   |                  | ADDRESS 33 BIT 3 |                   |                  | ADDRESS 49 BIT 3 |                   |                  |
| ADDRESS 1 BIT 4  |                   |                  | ADDRESS 17 BIT 4 |                   |                  | ADDRESS 33 BIT 4 |                   |                  | ADDRESS 49 BIT 4 |                   |                  |
| ADDRESS 2 BIT 1  |                   |                  | ADDRESS 18 BIT 1 |                   |                  | ADDRESS 34 BIT 1 |                   |                  | ADDRESS 50 BIT 1 |                   |                  |
| ADDRESS 2 BIT 2  |                   |                  | ADDRESS 18 BIT 2 |                   |                  | ADDRESS 34 BIT 2 |                   |                  | ADDRESS 50 BIT 2 |                   |                  |
| ADDRESS 2 BIT 3  |                   |                  | ADDRESS 18 BIT 3 |                   |                  | ADDRESS 34 BIT 3 |                   |                  | ADDRESS 50 BIT 3 |                   |                  |
| ADDRESS 2 BIT 4  |                   |                  | ADDRESS 18 BIT 4 |                   |                  | ADDRESS 34 BIT 4 |                   |                  | ADDRESS 50 BIT 4 |                   |                  |
| ADDRESS 3 BIT 1  |                   |                  | ADDRESS 19 BIT 1 |                   |                  | ADDRESS 35 BIT 1 |                   |                  | ADDRESS 51 BIT 1 |                   |                  |
| ADDRESS 3 BIT 2  |                   |                  | ADDRESS 19 BIT 2 |                   |                  | ADDRESS 35 BIT 2 |                   |                  | ADDRESS 51 BIT 2 |                   |                  |
| ADDRESS 3 BIT 3  |                   |                  | ADDRESS 19 BIT 3 |                   |                  | ADDRESS 35 BIT 3 |                   |                  | ADDRESS 51 BIT 3 |                   |                  |
| ADDRESS 3 BIT 4  |                   |                  | ADDRESS 19 BIT 4 |                   |                  | ADDRESS 35 BIT 4 |                   |                  | ADDRESS 51 BIT 4 |                   |                  |
| ADDRESS 4 BIT 1  |                   |                  | ADDRESS 20 BIT 1 |                   |                  | ADDRESS 36 BIT 1 |                   |                  | ADDRESS 52 BIT 1 |                   |                  |
| ADDRESS 4 BIT 2  |                   |                  | ADDRESS 20 BIT 2 |                   |                  | ADDRESS 36 BIT 2 |                   |                  | ADDRESS 52 BIT 2 |                   |                  |
| ADDRESS 4 BIT 3  |                   |                  | ADDRESS 20 BIT 3 |                   |                  | ADDRESS 36 BIT 3 |                   |                  | ADDRESS 52 BIT 3 |                   |                  |
| ADDRESS 4 BIT 4  |                   |                  | ADDRESS 20 BIT 4 |                   |                  | ADDRESS 36 BIT 4 |                   |                  | ADDRESS 52 BIT 4 |                   |                  |
| ADDRESS 5 BIT 1  |                   |                  | ADDRESS 21 BIT 1 |                   |                  | ADDRESS 37 BIT 1 |                   |                  | ADDRESS 53 BIT 1 |                   |                  |
| ADDRESS 5 BIT 2  |                   |                  | ADDRESS 21 BIT 2 |                   |                  | ADDRESS 37 BIT 2 |                   |                  | ADDRESS 53 BIT 2 |                   |                  |
| ADDRESS 5 BIT 3  |                   |                  | ADDRESS 21 BIT 3 |                   |                  | ADDRESS 37 BIT 3 |                   |                  | ADDRESS 53 BIT 3 |                   |                  |
| ADDRESS 5 BIT 4  |                   |                  | ADDRESS 21 BIT 4 |                   |                  | ADDRESS 37 BIT 4 |                   |                  | ADDRESS 53 BIT 4 |                   |                  |
| ADDRESS 6 BIT 1  |                   |                  | ADDRESS 22 BIT 1 |                   |                  | ADDRESS 38 BIT 1 |                   |                  | ADDRESS 54 BIT 1 |                   |                  |
| ADDRESS 6 BIT 2  |                   |                  | ADDRESS 22 BIT 2 |                   |                  | ADDRESS 38 BIT 2 |                   |                  | ADDRESS 54 BIT 2 |                   |                  |
| ADDRESS 6 BIT 3  |                   |                  | ADDRESS 22 BIT 3 |                   |                  | ADDRESS 38 BIT 3 |                   |                  | ADDRESS 54 BIT 3 |                   |                  |
| ADDRESS 6 BIT 4  |                   |                  | ADDRESS 22 BIT 4 |                   |                  | ADDRESS 38 BIT 4 |                   |                  | ADDRESS 54 BIT 4 |                   |                  |
| ADDRESS 7 BIT 1  |                   |                  | ADDRESS 23 BIT 1 |                   |                  | ADDRESS 39 BIT 1 |                   |                  | ADDRESS 55 BIT 1 |                   |                  |
| ADDRESS 7 BIT 2  |                   |                  | ADDRESS 23 BIT 2 |                   |                  | ADDRESS 39 BIT 2 |                   |                  | ADDRESS 55 BIT 2 |                   |                  |
| ADDRESS 7 BIT 3  |                   |                  | ADDRESS 23 BIT 3 |                   |                  | ADDRESS 39 BIT 3 |                   |                  | ADDRESS 55 BIT 3 |                   |                  |
| ADDRESS 7 BIT 4  |                   |                  | ADDRESS 23 BIT 4 |                   |                  | ADDRESS 39 BIT 4 |                   |                  | ADDRESS 55 BIT 4 |                   |                  |
| ADDRESS 8 BIT 1  |                   |                  | ADDRESS 24 BIT 1 |                   |                  | ADDRESS 40 BIT 1 |                   |                  | ADDRESS 56 BIT 1 |                   |                  |
| ADDRESS 8 BIT 2  |                   |                  | ADDRESS 24 BIT 2 |                   |                  | ADDRESS 40 BIT 2 |                   |                  | ADDRESS 56 BIT 2 |                   |                  |
| ADDRESS 8 BIT 3  |                   |                  | ADDRESS 24 BIT 3 |                   |                  | ADDRESS 40 BIT 3 |                   |                  | ADDRESS 56 BIT 3 |                   |                  |
| ADDRESS 8 BIT 4  |                   |                  | ADDRESS 24 BIT 4 |                   |                  | ADDRESS 40 BIT 4 |                   |                  | ADDRESS 56 BIT 4 |                   |                  |
| ADDRESS 9 BIT 1  |                   |                  | ADDRESS 25 BIT 1 |                   |                  | ADDRESS 41 BIT 1 |                   |                  | ADDRESS 57 BIT 1 |                   |                  |
| ADDRESS 9 BIT 2  |                   |                  | ADDRESS 25 BIT 2 |                   |                  | ADDRESS 41 BIT 2 |                   |                  | ADDRESS 57 BIT 2 |                   |                  |
| ADDRESS 9 BIT 3  |                   |                  | ADDRESS 25 BIT 3 |                   |                  | ADDRESS 41 BIT 3 |                   |                  | ADDRESS 57 BIT 3 |                   |                  |
| ADDRESS 9 BIT 4  |                   |                  | ADDRESS 25 BIT 4 |                   |                  | ADDRESS 41 BIT 4 |                   |                  | ADDRESS 57 BIT 4 |                   |                  |
| ADDRESS 10 BIT 1 |                   |                  | ADDRESS 26 BIT 1 |                   |                  | ADDRESS 42 BIT 1 |                   |                  | ADDRESS 58 BIT 1 |                   |                  |
| ADDRESS 10 BIT 2 |                   |                  | ADDRESS 26 BIT 2 |                   |                  | ADDRESS 42 BIT 2 |                   |                  | ADDRESS 58 BIT 2 |                   |                  |
| ADDRESS 10 BIT 3 |                   |                  | ADDRESS 26 BIT 3 |                   |                  | ADDRESS 42 BIT 3 |                   |                  | ADDRESS 58 BIT 3 |                   |                  |
| ADDRESS 10 BIT 4 |                   |                  | ADDRESS 26 BIT 4 |                   |                  | ADDRESS 42 BIT 4 |                   |                  | ADDRESS 58 BIT 4 |                   |                  |
| ADDRESS 11 BIT 1 |                   |                  | ADDRESS 27 BIT 1 |                   |                  | ADDRESS 43 BIT 1 |                   |                  | ADDRESS 59 BIT 1 |                   |                  |
| ADDRESS 11 BIT 2 |                   |                  | ADDRESS 27 BIT 2 |                   |                  | ADDRESS 43 BIT 2 |                   |                  | ADDRESS 59 BIT 2 |                   |                  |
| ADDRESS 11 BIT 3 |                   |                  | ADDRESS 27 BIT 3 |                   |                  | ADDRESS 43 BIT 3 |                   |                  | ADDRESS 59 BIT 3 |                   |                  |
| ADDRESS 11 BIT 4 |                   |                  | ADDRESS 27 BIT 4 |                   |                  | ADDRESS 43 BIT 4 |                   |                  | ADDRESS 59 BIT 4 |                   |                  |
| ADDRESS 12 BIT 1 |                   |                  | ADDRESS 28 BIT 1 |                   |                  | ADDRESS 44 BIT 1 |                   |                  | ADDRESS 60 BIT 1 |                   |                  |
| ADDRESS 12 BIT 2 |                   |                  | ADDRESS 28 BIT 2 |                   |                  | ADDRESS 44 BIT 2 |                   |                  | ADDRESS 60 BIT 2 |                   |                  |
| ADDRESS 12 BIT 3 |                   |                  | ADDRESS 28 BIT 3 |                   |                  | ADDRESS 44 BIT 3 |                   |                  | ADDRESS 60 BIT 3 |                   |                  |
| ADDRESS 12 BIT 4 |                   |                  | ADDRESS 28 BIT 4 |                   |                  | ADDRESS 44 BIT 4 |                   |                  | ADDRESS 60 BIT 4 |                   |                  |
| ADDRESS 13 BIT 1 |                   |                  | ADDRESS 29 BIT 1 |                   |                  | ADDRESS 45 BIT 1 |                   |                  | ADDRESS 61 BIT 1 |                   |                  |
| ADDRESS 13 BIT 2 |                   |                  | ADDRESS 29 BIT 2 |                   |                  | ADDRESS 45 BIT 2 |                   |                  | ADDRESS 61 BIT 2 |                   |                  |
| ADDRESS 13 BIT 3 |                   |                  | ADDRESS 29 BIT 3 |                   |                  | ADDRESS 45 BIT 3 |                   |                  | ADDRESS 61 BIT 3 |                   |                  |
| ADDRESS 13 BIT 4 |                   |                  | ADDRESS 29 BIT 4 |                   |                  | ADDRESS 45 BIT 4 |                   |                  | ADDRESS 61 BIT 4 |                   |                  |
| ADDRESS 14 BIT 1 |                   |                  | ADDRESS 30 BIT 1 |                   |                  | ADDRESS 46 BIT 1 |                   |                  | ADDRESS 62 BIT 1 |                   |                  |
| ADDRESS 14 BIT 2 |                   |                  | ADDRESS 30 BIT 2 |                   |                  | ADDRESS 46 BIT 2 |                   |                  | ADDRESS 62 BIT 2 |                   |                  |
| ADDRESS 14 BIT 3 |                   |                  | ADDRESS 30 BIT 3 |                   |                  | ADDRESS 46 BIT 3 |                   |                  | ADDRESS 62 BIT 3 |                   |                  |
| ADDRESS 14 BIT 4 |                   |                  | ADDRESS 30 BIT 4 |                   |                  | ADDRESS 46 BIT 4 |                   |                  | ADDRESS 62 BIT 4 |                   |                  |
| ADDRESS 15 BIT 1 |                   |                  | ADDRESS 31 BIT 1 |                   |                  | ADDRESS 47 BIT 1 |                   |                  | ADDRESS 63 BIT 1 |                   |                  |
| ADDRESS 15 BIT 2 |                   |                  | ADDRESS 31 BIT 2 |                   |                  | ADDRESS 47 BIT 2 |                   |                  | ADDRESS 63 BIT 2 |                   |                  |
| ADDRESS 15 BIT 3 |                   |                  | ADDRESS 31 BIT 3 |                   |                  | ADDRESS 47 BIT 3 |                   |                  | ADDRESS 63 BIT 3 |                   |                  |
| ADDRESS 15 BIT 4 |                   |                  | ADDRESS 31 BIT 4 |                   |                  | ADDRESS 47 BIT 4 |                   |                  | ADDRESS 63 BIT 4 |                   |                  |

In this column, put the two characters to be displayed when the bit is "ON". Leave blank for no characters. Valid characters are 0, 1-9, and A-Z.

In this column, put the order the two characters should be displayed in. Typically, the lowest order is the bottom floor and the highest order is the top floor.

## SPECIAL ARROW TEST MODE

| DS 8 | DS 7 | DS 6 | DISPLAY            |
|------|------|------|--------------------|
| 0    | X    | X    | NORMAL OPERATION   |
| 1    | 0    | 0    | DN - POINTED ARROW |
| 1    | 0    | 1    | UP - POINTED ARROW |
| 1    | 1    | 0    | DN - SOLID BAR     |
| 1    | 1    | 1    | UP - SOLID BAR     |

|                                         |                                |                     |                                                                                                                                                                                     |
|-----------------------------------------|--------------------------------|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DATE DRAWN:<br>12/04/06                 | DRAWN BY:<br>DAC               | REQUESTED BY:<br>JK |  <b>C.E. ELECTRONICS, INC.</b><br>2107 Industrial Drive<br>Bryan, Ohio 43506<br>(419) 636-6705 |
| BOARD NUMBER:<br>N/A                    | LAST DATE REVISED:<br>07/27/07 | APPROVED BY:        |                                                                                                                                                                                     |
| PRODUCT<br>ODBA FLOOR PROGRAMMING CHART |                                |                     |                                                                                                                                                                                     |
| DWG. NO.<br>ODBA10-02                   |                                |                     | REV.<br>A                                                                                                                                                                           |