# CODE SYSTEM

| 1 | 2 | 3 | 4 | 5 | 6 | — | 7 | 8 | 9 | 10 | 11 | 12 | — | 13 | 14 | 15 | 16 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F | C | 08 | 01 | A | 23 | — | F | S | Y | Y | B | W | — | 5 | 2 | L | E |

| No. | REMARKS | DESCRIPTION |
|---|---|---|
| 1 | COMPANY ABBRAVIATED | F = FORDATA |
| 2 | STANDARD MODULE TYPE | C = Character type standard LCD module (COB version)<br>G = Graphic type standard LCD module (COB version) |
| 3 | Character (FC series) | 08, 10, 12, 16, 20, 24, 40, = Character number Per line |
| | Graphic (FG series) | 80, 100, 120, 122, 128, 160 ... ... = Row Dots Quantity |
| 4 | Character (FC series) | 01, 02, 04, = Character Lines |
| | Graphic (FG series) | 32, 64, 80, 128, 160 ... ... =Column Dots Quantity |
| 5 | Serial Number | A~Z which is decided by the sizes of viewing area |
| 6 | Identifying Code | 00~99 which is decided by all the other aspects for the same viewing area |
| 7 | Polarizer type | R = Positive Reflective<br>M = Positive Transmissive<br>B = Super Black technology New!<br>F = Positive Transflective<br>N = Negative Transmissive |
| 8 | Backlight type | N = No Backlight<br>S = Edge Type LED Backlight (Standard version)<br>H = Edge Type LED Backlight (Long life span version) New!<br>E = EL backlight without Invertor<br>C = CCFL backlight without Invertor<br>L = Array Type LED Backlight<br>F = EL backlight with Invertor<br>T = CCFL backlight with Invertor |
| 9 | Backlight color | N = No Backlight<br>R = Red<br>B = Blue<br>Y = Yellow-Green<br>A = Amber<br>G = Green<br>W = White<br>C = Blue-Green<br>Q = RedGreenBlue three color New! |
| 10 | LCD panel type | T = TN<br>G = Gray STN<br>H = HTN<br>B = Blue STN<br>Y = Yellow-Green STN<br>F = FSTN |
| 11 | Viewing angle | B = Bottom 6:00 T = Top 12:00 R = Right 3:00 L = Left 9:00 |
| 12 | Operation temperature range | S = 0℃ ~ 50℃ (Single Supply Voltage) D = 0℃ ~ 50℃ (Dual Supply Voltage)<br>W = -20℃ ~ 70℃ (Single Supply Voltage) H = -20℃ ~ 70℃ (Dual Supply Voltage)<br>T = -30℃ ~ 80℃ (Single Supply Voltage) E = -30℃ ~ 80℃ (Dual Supply Voltage) |
| 13 | Driving Voltage Code<br>(This code was updated from 2015-JAN-1ST) | |

| | Vlcm=3. 0V | Vlcm=3. 3V | Vlcm=3. 6V | Vlcm=5.0V |
|---|---|---|---|---|
| Vled = Indicated Voltage* | 9 | A | 3 | 4 |
| Vled=3. 3V | T | B | K | F |
| Vled=5. 0V | 8 | C | 2 | 5 |
| NO/EL/CCFL | 1 | H | 7 | 6 |

| | | |
|---|---|---|
| 14 | Backlight Connect Method | 0 = PIN1 LED-, PIN2 LED+<br>1 = PIN15(17/19) LED+, PIN16(18/20) LED-<br>2 = PIN15(17/19) LED-, PIN16(18/20) LED+<br>3 = PIN15(17/19) LED+, PIN16(18/20) NC<br>4 = PIN15(17/19) NC, PIN16(18/20) LED+<br>5 = PINA LED+, PINK LED-<br>6 = No / EL / CCFL Backlight |
| 15 | IC Manufacturer Code | A~Z or 01~99 which is decided by different IC manufacturers |
| 16 | Font Set | A~Z or 01~99 which is decided by different font maps |

This set of code system is applied for FORDATA's newest LCM whose item code started by FC or FG.
You can compare it with the old version code system in next page.

# FORDATA ELECTRONIC CO.,LTD
PROFESSIONAL LCD SUPPLIER FROM CHINA

# NUMBER SYSTEM

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FD | C | C | 08 | 01 | A | F | L | Y | Y | B | W | 5 | 2 | X | E |

| No. | REMARKS | DESCRIPTION |
|---|---|---|
| 1 | COMPANY ABBRAVIATED | FD = FORDATA |
| 2 | IC packing | C = Chip On Board G = Chip On Glass T = TAB N = NO IC |
| 3 | LCM type | C = Character G = Graphic |
| 4 | Chyaracter | 08, 10, 12, 16, 20, 24, 40, = Character number Per line |
| | Graphic | 80, 100, 120, 122, 128, 160 ... ... = Row Dots Quantity |
| 5 | Character | 01, 02, 04, = Character Lines |
| | Graphic | 32, 64, 80, 128, 160 ... ... =Column Dots Quantity |
| 6 | Serial Number | A~Z |
| 7 | Polarizer type | R = Positive Reflective F = Positive Transflective<br>M = Positive Transmissive N = Negative Transmissive<br>E = Negative, Transflective |
| 8 | Backlight type | N = No Backlight<br>L = Array Type LED Backlight S = Edge Type LED Backlight<br>E = EL backlight without Invertor F = EL backlight with Invertor<br>C = CCFL backlight without Invertor T = CCFL backlight with Invertor |
| 9 | Backlight color | N = No Backlight Y = Yellow-Green W = White<br>R = Red A = Amber C = Blue-Green<br>B = Blue G = Green |
| 10 | LCD panel type | T = TN H = HTN Y = Yellow-Green STN<br>G = Gray STN B = Blue STN F = FSTN |
| 11 | Viewing angle | B = Bottom 6:00 T = Top 12:00 R = Right 3:00 L = Left 9:00 |
| 12 | Operation temperature range | S = 0°C ~ 50°C (Single Supply Voltage) D = 0°C ~ 50°C (Dual Supply Voltage)<br>W = -20°C ~ 70°C (Single Supply Voltage) H = -20°C ~ 70°C (Dual Supply Voltage)<br>T = -30°C ~ 80°C (Single Supply Voltage) E = -30°C ~ 80°C (Dual Supply Voltage) |
| 13 | Driving Voltage | 1 : Vlcm = 3.0V, No / EL / CCFL Backlight<br>or Vlcm = 3.0V, Vled = LED voltage, (Via AK)<br>2 : Vlcm = 3.6V, Vled = 5.0V (Not via AK)<br>3 : Vlcm = 3.6V, Vled = LED voltage, (Not via AK)<br>4 : Vlcm = 5.0V, Vled = LED voltage, (Not via AK)<br>5 : Vlcm = 5.0V, Vled = 5.0V (Not via AK)<br>6 : Vlcm = 5.0V, No / EL / CCFL Backlight<br>or Vlcm = 5.0V, Vled = LED voltage, (Via AK)<br>7 : Vlcm = 3.6V, No / EL / CCFL Backlight<br>or Vlcm = 3.6V, Vled = LED voltage, (Via AK)<br>8 : Vlcm = 3.0V, Vled = 5.0V<br>9 : Vlcm = 3.0V, Vled = LED voltage, (Not via AK) |
| 14 | Backlight Connect Method | 0 = PIN1 LED-, PIN2 LED+<br>1 = PIN15(17/19) LED+, PIN16(18/20) LED-<br>2 = PIN15(17/19) LED-, PIN16(18/20) LED+<br>3 = PIN15(17/19) LED+, PIN16(18/20) NC<br>4 = PIN15(17/19) NC, PIN16(18/20) LED+<br>5 = PINA LED+, PINK LED-<br>6 = No / EL / CCFL Backlight |
| 15 | IC Manufacturer | X = SAMSUNG L = SUNPLUS S = SITRONIX<br>T = TOSHIBA E = EPSON H = HOLTEK<br>Q = ASLIC N = CIMTEK P = PRINCETON |
| 16 | Font Set | R = English - Russia E = English - Japanese<br>U = English - Europe H = English - Hebrew<br>K = English - Europe N = NO FONT SET |

This set of code system is old version for your reference and compare.