





(1) J5 PINOUT

| PIN NO. | SYMBOL | PIN NO. | SYMBOL |
|---------|--------|---------|--------|
| 1       | GND    | 17      | DB7    |
| 2-4     | NC     | 18      | DB8    |
| 5       | RD     | 19      | DB9    |
| 6       | NC     | 20      | DB10   |
| 7       | WR     | 21      | DB11   |
| 8       | CS     | 22      | DB12   |
| 9       | A0     | 23      | DB13   |
| 10      | DB0    | 24      | DB14   |
| 11      | DB1    | 25      | DB15   |
| 12      | DB2    | 26      | WAIT   |
| 13      | DB3    | 27      | INT    |
| 14      | DB4    | 28      | RST    |
| 15      | DB5    | 29      | VDD    |
| 16      | DB6    | 30      | GND    |

(2) FEATURES

OPERATION VOLTAGE : 3.0~3.6V  
 COLOR DEPTH TFT : 4096 COLORS MAX.  
 STORAGE TEMPERATURE : -40°C ~ +85°C  
 OPERATION TEMPERATURE : -40°C ~ +85°C  
 SUPPORTING MCU INTERFACE :  
 \*8080/6800 WITH 8/16 DATA BUS WIDTH  
 \*12C OR 3/4-WIRE SPI  
 RESERVE 4-WIRE RTP PINS AND VLED PINS  
 BUILT-IN PWM FOR BACKLIGHT CONTROL

|                          |                 |           |                          |          |                                |
|--------------------------|-----------------|-----------|--------------------------|----------|--------------------------------|
| TOLERANCE IF NOT SPECIFY | SCALE           | UNIT      | CLOVER DISPLAY LTD. (HK) |          | SHEET                          |
| ±0.5mm                   | N.T.S.          | mm        |                          |          | 2 OF 2                         |
| REV.                     | REVISION RECORD | DATE      | CUSTOMER                 | APPROVED | MODEL NO.                      |
| 00                       | 1st ISSUE       | 22 JUN 16 | STANDARD                 |          | K371                           |
|                          |                 |           | AGENT                    | APPROVED | TITLE: BLOCK DIAGRAM           |
|                          |                 |           | CUSTOMER REF.            | OUR REF. | DRAWN BY: ZYXU DATE: 22 JUN 16 |
|                          |                 |           |                          |          | CHECKED BY: DATE:              |
|                          |                 |           |                          |          | APPROVED BY: DATE:             |