



# Specification for Approval

Customer: \_\_\_\_\_

Model Name: \_\_\_\_\_

| Supplier Approval |                 |             | Customer approval |
|-------------------|-----------------|-------------|-------------------|
| R&D Designed      | R&D Approved    | QC Approved |                   |
| <i>Peter</i>      | <i>Peng Jun</i> |             |                   |

## Revision Record

| <b>REV NO.</b> | <b>REV DATE</b> | <b>CONTENTS</b> | <b>Note</b> |
|----------------|-----------------|-----------------|-------------|
| A              | 2019-01-23      | NEW ISSUE       |             |
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## 1. Scope

This specification defines general provisions as well as inspection standards for TFT module supplied by AMSON electronics.

If the event of unforeseen problem or unspecified items may occur, naturally shall negotiate and agree to solution.

## 2. General Information

### LCM

| ITEM                           | STANDARD VALUES                    | UNITS |
|--------------------------------|------------------------------------|-------|
| LCD type                       | 4.3" TFT                           | --    |
| Dot arrangement                | 480(RGB)×272                       | dots  |
| Color filter array             | RGB vertical stripe                | --    |
| Display mode                   | TN / Transmission / Normally White | -     |
| Gray Scale Inversion Direction | 6 O'clock                          | --    |
| Eyes Viewing Direction         | 12 O'clock                         |       |
| Driver IC                      | ST7282                             | --    |
| Module size                    | 113.20(W)×73.20(H)×21.83(T)        | mm    |
| Active area                    | 95.04(W)×53.86(H)                  | mm    |
| Interface                      | DPI / GPIO Interface               | --    |
| Operating temperature          | -20 ~ +70                          | °C    |
| Storage temperature            | -30 ~ +80                          | °C    |
| Back Light                     | 10 White LED                       | --    |
| Weight                         | TBD                                | g     |

### CTP

| ITEM               | STANDARD VALUES           | UNITS |
|--------------------|---------------------------|-------|
| CTP type           | Cover Lens+sensor+FPC     | --    |
| CTP Driver IC      | ICN8826                   | --    |
| Surface Treatment  | 6H                        | --    |
| Transmittance      | ≥85%                      | --    |
| The cover hardness | 6H                        | --    |
| CTP size           | 109.35(W)×73.2(H)×1.45(T) | mm    |
| CTP Active area    | 97.1(W)×55.9(H)           | mm    |
| CTP Interface      | I2C                       |       |
| response time      | 10                        | ms    |















































