E Ink Display Electronic Label Paper 3.52 Inch Flexible AM EPD

Our Product Introduction

Basic Information

- Place of Origin: Shenzhen,China
- Brand Name: RGH
- Certification: ISO9001/ISO14001
- Model Number: SE0352N01-A0
- Minimum Order Quantity: 3PCS
- Price: Negotiable
- Packaging Details: Standard Exportation Package
- Delivery Time: 3-5weeks
- Payment Terms: L/C, T/T,Paypal
- Supply Ability: 3.5kk

Product Specification

- Screen Size: 3.52 Inch
- Resolution: 240*360 Pixels
- Pixel Pitch: TBD Mm
- Interface Type: SPI Interface
- Active Area: 49 67*74 51 Mm
- Outline Dimension: 54.41*84.70*1.14 Mm
- Weight: TBD
- Highlight: **Electronic Label e ink display touch**, **AM EPD e ink display touch**, **3.52Inch flexible e ink display**

More Images

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Our Product Introduction

Product Description

1. General Description

SE0352N01 is an Active Matrix Electrophoretic Display(AM EPD), with interface and a reference system design. The display is capable to display images at 1-bit white and black full display capabilities. The 3.52” active area contains 240x360 pixels. The module is a TFT-array driving electrophoretic display, with integrated circuits including gate buffer, source buffer, MCU interface, timing control logic, oscillator, DC-DC, SRAM, LUT, VCOM. Module can be used in portable electronic devices, such as Electronic Shelf Label (ESL) System.

2. Features

240×360 pixels display
White reflectance above 30%
Contrast ratio above 8:1
Ultra wide viewing angle
Ultra low power consumption
Pure reflective mode
Bi-stable display
Commercial temperature range
Landscape, portrait modes
Hard-coat antiglare display surface
Ultra Low current deep sleep mode
On chip display RAM
Waveform can stored in On-chip OTP or written by MCU
Serial peripheral interface available
On-chip oscillator
On-chip booster and regulator control for generating VCOM, Gate and Source driving voltage
Built-in temperature sensor

3. Application

Electronic Shelf Label System

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E-ink Epaper display

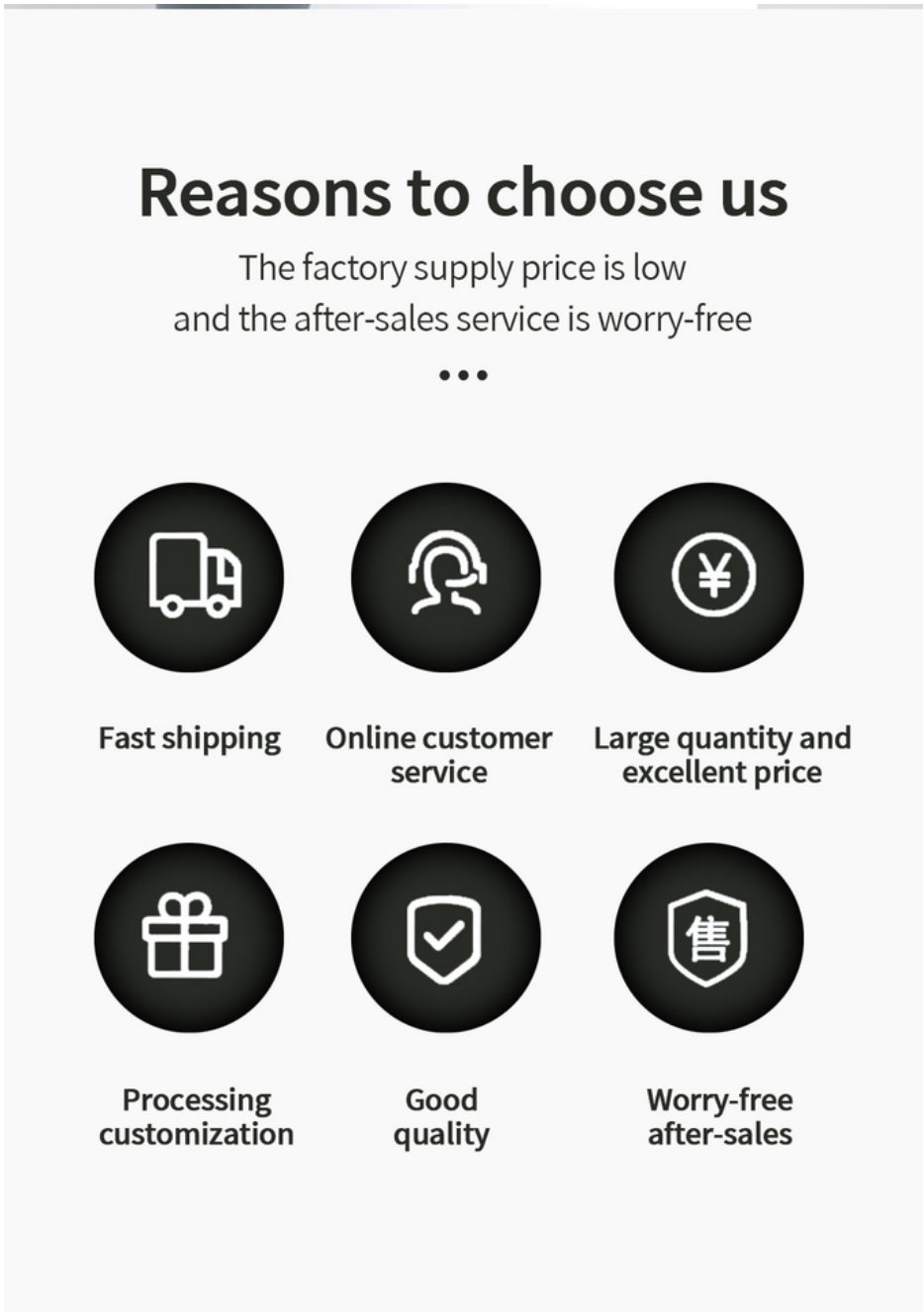
Clear, white "paper" black letters

Support processing customization

The requirements for ambient light are very low, whether it is sunny or bright
At the beginning, it can provide you with a comfortable viewing experience like paper.
The viewing angle is wide and easy to read.

Ultra-wide
viewing angles

Ultra-high
contrast


Reasons to choose us
The factory supply price is low
and the after-sales service is worry-free
Fast shipping
Online customer service
Large quantity and excellent price
Processing customization
Good quality
Worry-free after-sales

GOLDFINGERSARE GOLD-PLATED

Resistant to salt spray corrosion, high and low temperature

It is used in a variety of fields

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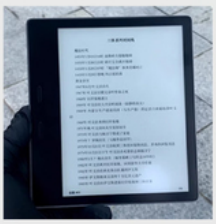
This product can be widely used in industry,
automotive electronics, home appliances,
Medical equipment, communications and many other fields

Clocks

electronic work badges

electronic doorplates



electronic paper readers

RGH

Rongguanghui Optoelectronics Science and Technology Co., Ltd.

watches

electronic calendars

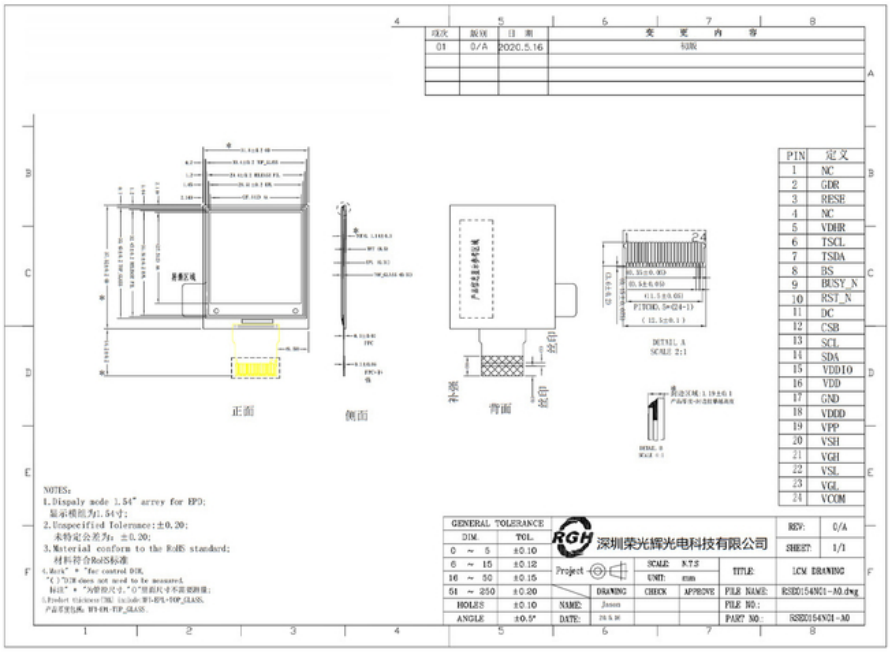
price tags

electronic thermometers

No.	Name	I/0	Description	Remark
1	NC		Do not connect with other NC pins	
2	GDR	0	N-Channel MOSFETGate Drive Control	
3	RESE	I	Current Sense Input for the Control Loop	
4	NC		Do not connect with other NC pins	
5	VDHR	C	Positive source driver voltage for Source	
6	TSCL	0	IC Interface to digital temperature sensor Clock pin	
7	TSDA	I/0	F²C Interface to digital temperature sensor Data pin	
8	BS	I	Bus Interface selection pin	Note 5-4
9	BUSY N	0	Busy state output pin	Note 5-3
10	RST N	I	Reset signal input.Active Low.	
11	DC	I	Data /Command control pin	Note 5-2
12	CSB	I	Chip select input pin	Note 5-1

13	SCL	I	Serial Clock pin (SPI)	
14	SDA	I	Serial Data pin(SPD	
15	VDDIO	P	Power Supply for interface logic pins.It should be connected with VDD	
16	VDD	P	Power Supply for the chip	
17	GND	P	Ground	
18	VDDD	C	Core logic power pin VDD can be regulatedintermally from VCI.A capacitor should be connected between VDD and VSS under all circumstances	
19	VPP	P	Power Supply for OTP Programming	
20	VSH	C	Positive Source driving voltage	
21	VGH	C	Positive Gate driving voltage	
22	VSL	C	Negative Source driving voltage	
23	VGL	C	Negative Gate driving voltage	
24	VCOM	C	VCOM driving voltage	

EXTERNAL DIMENSIONS



Certificate display

Rongguanghui Optoelectronics

Ingenuity spirit: work hard

Focus so we are more professional

PACKING METHOD

(1). Put module into tray cavity :

(2). Tray stacking

(3). Put 1 cardboard under the tray stack and 1 cardboard above:

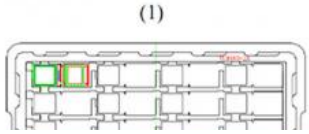
(4). Fix the cardboard to the tray stack with adhesive tape:

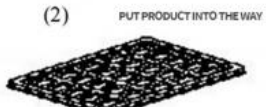
(5). Put the tray stack and 4 pcs desiccant into the LDPE bag

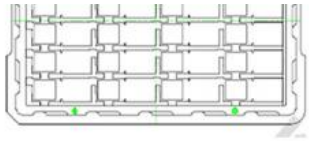
(6). Fix the LDPE bag with adhesive tape:

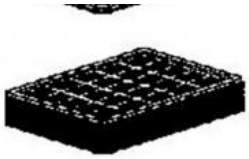
(7). Put LDPE bag with tray stack into carton.:

(8). Carton sealing with adhesive tape.









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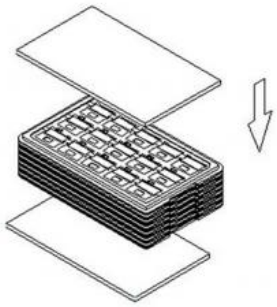

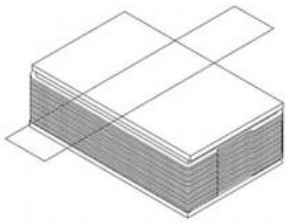

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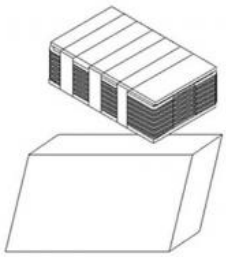

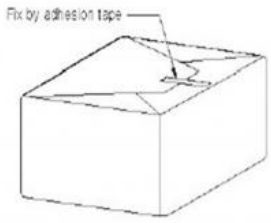

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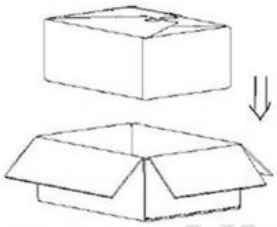

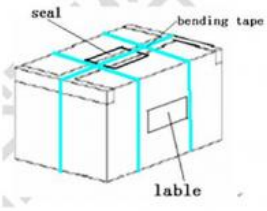

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