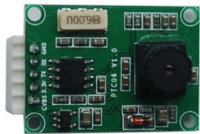
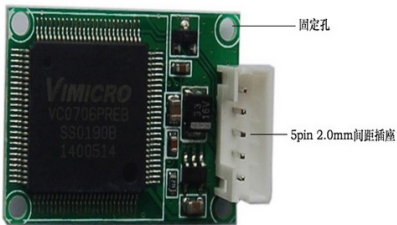
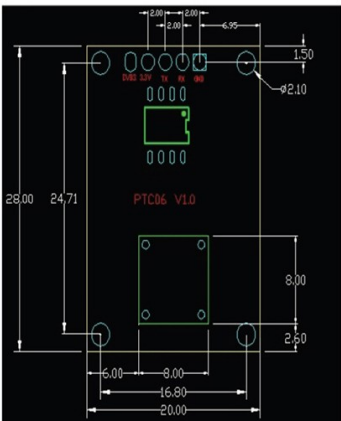


VC0706 3.3V Camera Module TTL/UART Jpeg/CVBS For AVR STM32 Arduino Compatible



Specification:

Key Performance Parameters	
Parameter	Value
Optical Format	1/4-inch CMOS
Full Resolution	640x480 Pixels
Pixel Size	5.6μm x 5.6μm
Shutter Type	Electronic Rolling Shutter (ERS)
Maximum Frame Rate	30 Fps At 640*480
Gain	Automatic
Exposal	Automatic
White- balance	Automatic
Scan Mode	Progressive
Vision Angle	125 Degree
Vision Distance	0-15M
Supply Voltage	3.3-5VDC
Daud rate	115200
Dynamic Range	60dB
SNRmax	45dB
Analog Gain Max	16dB
Power Consumption	500mW
Operating Temperature	-30°Cto +70°C



PIN

VT(CVBS-Composite Video Broadcast Signal)

3.3V

TX

RX

GND

Dimension of PCB:18x20mm

Commend :

1. Reset command:56 00 26 00 return : 76 00 26 00

2. Photographing comment:56 00 36 01 00 return : 76 00 36 00 00

3. Read the length of the photo:56 00 34 01 00 return : 76 00 34 00 04 00 00 XX YY

XX YY ---data length , XX for higher byte , YY for low byte

4. Read the data commend:56 00 32 0C 00 0A 00 00 XX XX 00 00 YY YY 00 FF

return:76 00 32 00 00 FF D8.....FF D9 76 00 32 00 00

00 00 XX XX -----start address(default: 00 00)

00 00 YY YY -----data length (higher one firstly then lower byte)

ZZ ZZ -----Interval (= XX XX*0.01 ms , recommend 00 0A)

5. clear cache:56 00 36 01 03 return : 76 00 36 00 00

6. Compression ratio command set :56 00 31 05 01 01 12 04 XX return : 76 00 31 00 00

XX recommend 36 (range:00 ----FF)

7. Set the camera picture size: (default : 640*480)

56 00 31 05 04 01 00 19 11 (320*240) return : 76 00 31 00 00

56 00 31 05 04 01 00 19 00 (640*480)

56 00 31 05 04 01 00 19 22 (160*120)

8. Modify the serial rate(temporary):56 00 24 03 01 XX XX return : 76 00 24 00 00

XX XX rate

AE C8 9600

56 E4 19200

2A F2 38400

1C 4C 57600

0D A6 115200

Default baud rate : 115200 when Power On again

9. Modify the serial rate(temporary):56 00 31 06 04 02 00 08 XX yy return : 76 00 31 00

XX YY rate

AE C8 9600

56 E4 19200

2A F2 38400

1C 4C 57600

0D A6 115200

Need Reset

10)Initialization

(1) connect the power

(2) Prolong 2.5 seconds

(3) set the size of the picture

(4) Reset if set(3)

(5) set the compassion rate of the picture

(6)Reset if set(5)

(7) Clear cache

(8)Photographing comment

(9)Read the length of the photo

(10)Read the data commend

(11)Take photo again turn to (7)

Notes: not more Instruction

Package :

ONE VC0706 3.3V Camera Module TTL/UART Only

ONE Cable

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 - Please email us before leaving any 1 or 2 ratings, negative feedback or open any dispute.
 - We understand the concerns and frustrations you might have, and will do our endeavor to resolve the issues.
- Please give us the opportunity to resolve any problem. thank you !