

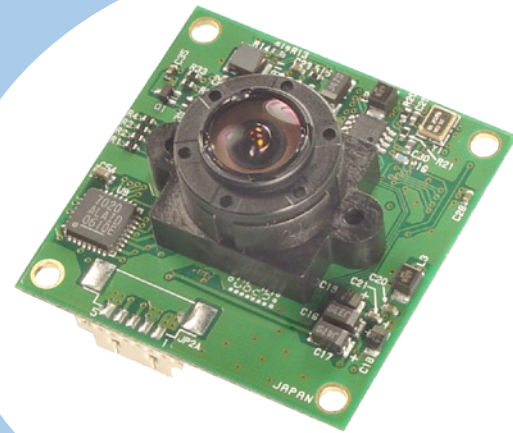
RHPQ-715

**1/4" Color Board Camera
Standard Resolution**

**1/4" Color CCD
32 x 32mm Single Board Camera
Clear Picture Controlled by DSP
Low Noise
5Volt DC to 14 Volt DC Operation
Optional Connector Positions Available**

350 TV Lines

5-14V DC

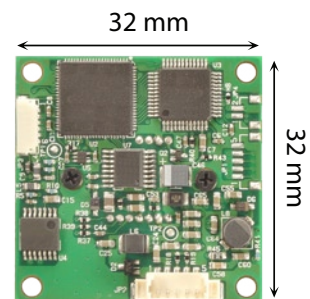
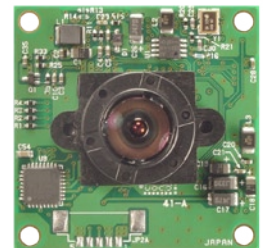


**RHPQ-715N (NTSC)
RHPQ-715P (PAL)**

Specifications	RHPQ-715N (NTSC)	RHPQ-715P (PAL)
Image Sensor	1/4" Inter-line Type CCD Image Sensor / SONY (ICX226AZ NTSC - ICX227AZ PAL)	
Scanning System	2 : 1 Interlace	
Total Number of Pixels	537 (H) x 505 (V)	537 (H) x 597 (V)
Effective Pixel Elements	510 (H) x 492 (V) Approx. 250k Pixels	500 (H) x 582 (V) Approx. 290k Pixels
Synchronization	Internal	
Video Output	Composite / 1 Vp-p 75 Ω	
Horizontal Resolution	More than 350 TV Lines	More than 350 TV Lines
Min. Illumination	0.4 lux at F1.4	
Lens Options	* 2.7mm/F2.4 (Aspherical) - 1.0 lux at F2.4	
	* 3.0mm/F2.8 (Micro Lens) - 1.5 lux at F2.8	
	* 3.7mm/F4.4 or 3.2mm/F4.2 (Pin Hole) - 4.0 lux at F4.5	
S/N Ratio	48 dB or better (AGC=OFF)	
Electronic Iris (Auto)	1/60 ~ 1/120,000 Sec.	1/50 ~ 1/120,000 Sec.
Horizontal Drive Freq.	15.734 kHz	15.625 kHz
Vertical Drive Freq.	59.94 Hz	50.00 Hz
Gamma	0.45	
AGC (Auto Gain Control)	+ 18 dB Max	
BLC (Back Light Comp.)	ON (Center + Lower)	
White Balance		
Power Requirements	5 to 14 Volts DC	
Current Consumption	90 mA at 12 Volt DC	
Storage Temp. Humidity	-20°C to +60°C - RH Max 90% (Non Condensation)	
Operating Temp. Humidity	-5°C to +45°C - RH Max 80% (Non Condensation)	
Dimensions	32mm(W) x 32mm(L)	
Weight	Approx. 5g without lens	

Dimensions 32 x 32mm

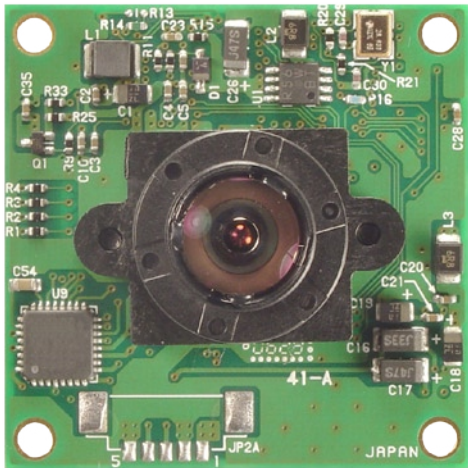
* ACTUAL SIZE



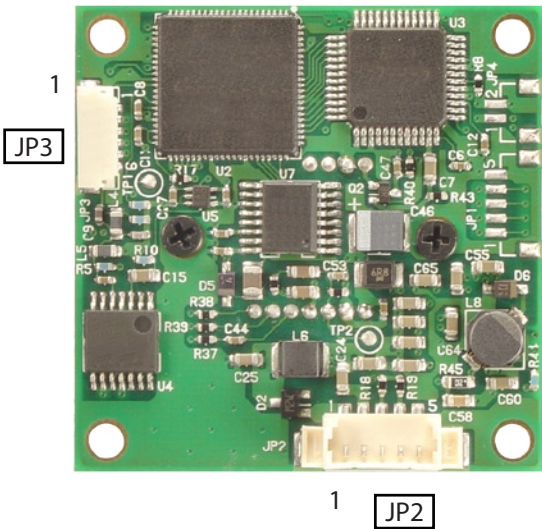
* Actual photo size may vary depending on print scaling

** Specifications and availability of products are subject to change without notice

RHPQ-715 - Connections

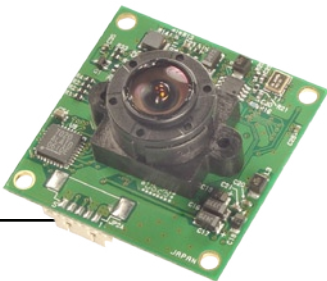


*Shown with 2.7mm Lens



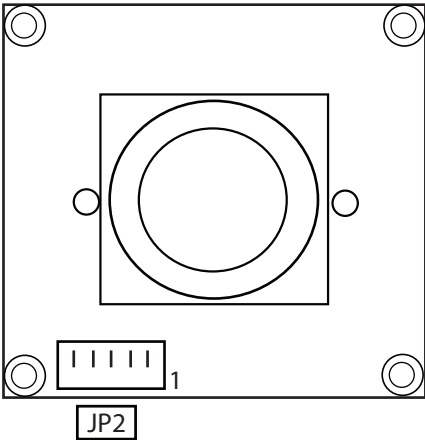
- JP2
- I/O Connector
 - DC Power Input
 - GND (DC)
 - Monitor (Option)
 - Video Output
 - GND (Video)

- JP3
- Serial Connector
(Factory Use Only)

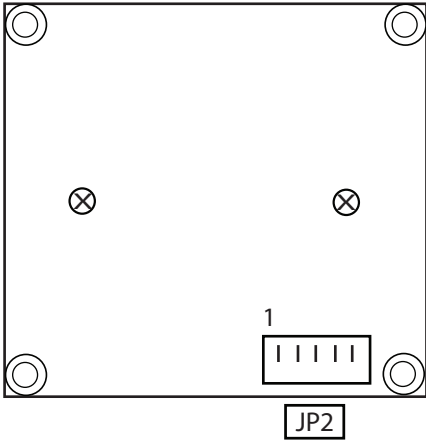


3 Connector Positions Available

RHPQ-715F (OEM)



RHPQ-715 (Standard)



RHPQ-715L (OEM)

