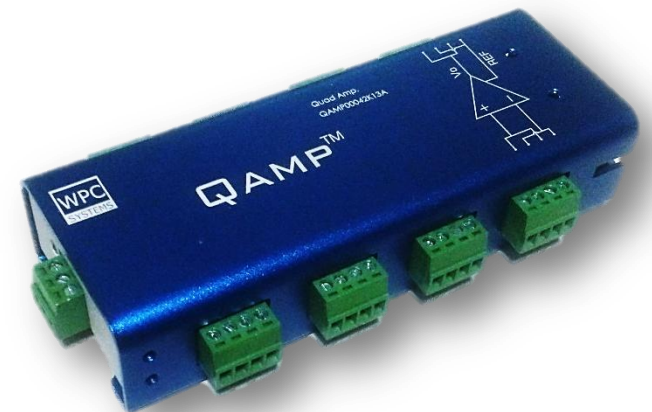


# ICP\_BK

WPC Systems Ltd.

Shannon Chiu

2016-03-08



# ICP\_BK

1.1 Connector Pinouts

1.2 Type - A spec

1.3 Type - B spec

1.3 LT3092 固定電流



# 1.1 Connector Pinouts

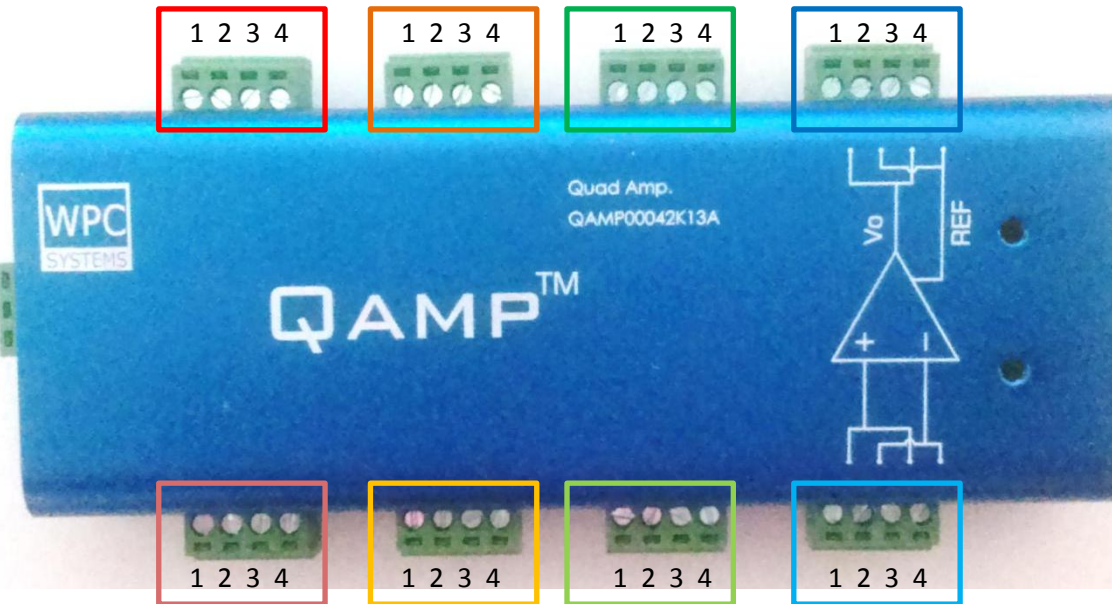
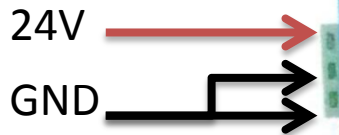
示波器

Channel 1			
1	2	3	4
SIG+	SIG-	SIG+	SIG-

Channel 2			
1	2	3	4
SIG+	SIG-	SIG+	SIG-

Channel 3			
1	2	3	4
SIG+	SIG-	SIG+	SIG-

Channel 4			
1	2	3	4
SIG+	SIG-	SIG+	SIG-



加速規

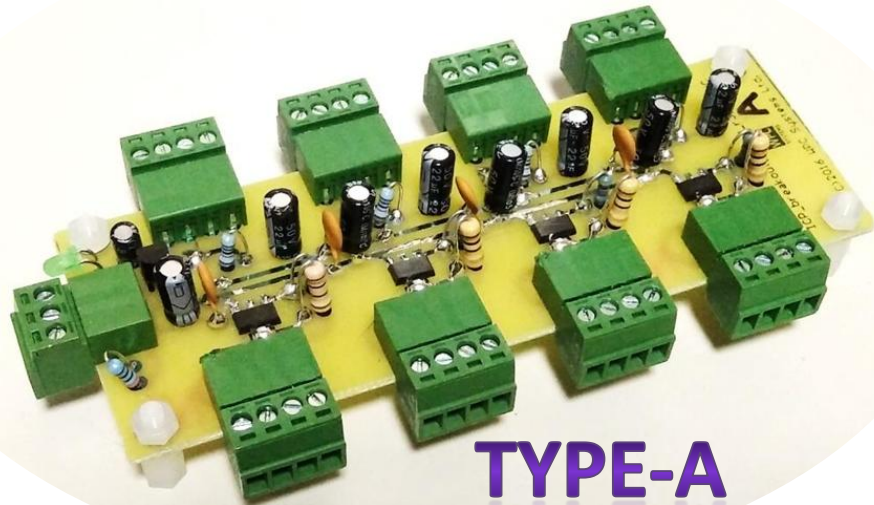
Channel 1			
1	2	3	4
Vout	GND	Vout	GND

Channel 2			
1	2	3	4
Vout	GND	Vout	GND

Channel 3			
1	2	3	4
Vout	GND	Vout	GND

Channel 4			
1	2	3	4
Vout	GND	Vout	GND

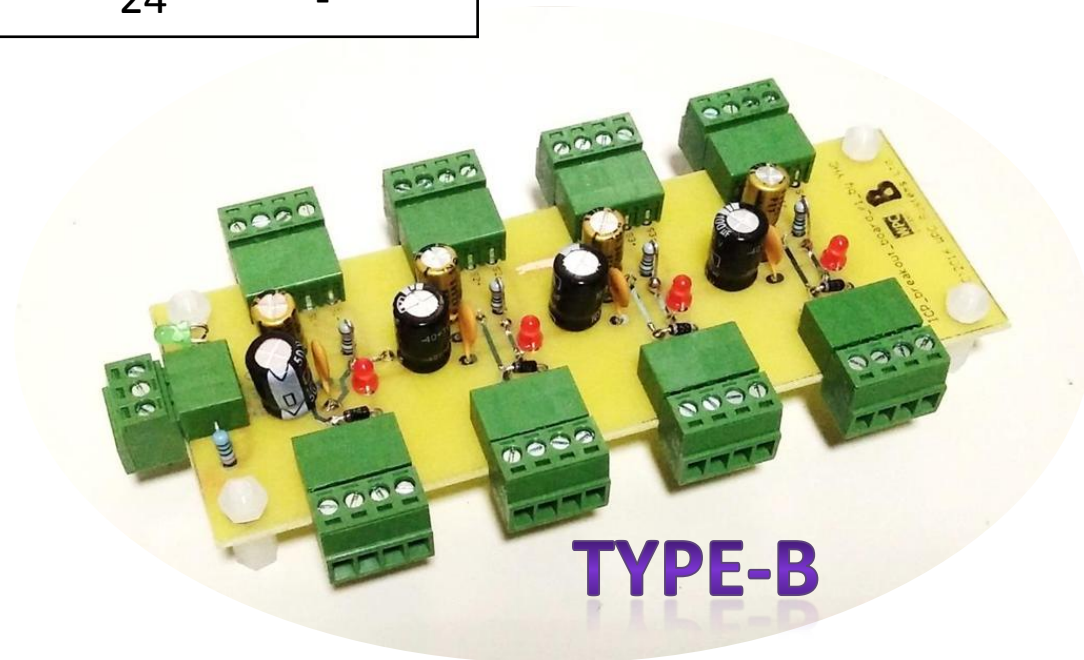
# 1.2 Type - A spec



Type-A	MIN	NOM	MAX
Regulator Current (mA)	3.8	4	4.2
Output Voltage (V)	13.25	14	14.6
Power supply (V)	17.5	24	30

# 1.3 Type - B spec

Type-B	MIN	NOM	MAX
Regulator Current (mA)	4.23	4.7	5.17
Output Voltage (V)	-	22.36	-
Power supply (V)	-	24	-



**TYPE-B**

# 附錄A

A1. ICP-603C01 spec

A2. WPC測試紀錄-接線

# A1. ICP-603C01 spec

603C01	INDUSTRIAL ICP® ACCI		
Performance	ENGLISH	SI	
Sensitivity(± 10 %)	100 mV/g	10.2 mV/(m/s <sup>2</sup> )	[2]
Measurement Range	± 50 g	± 490 m/s <sup>2</sup>	
Frequency Range(± 3 dB)	30 to 600,000 cpm	0.5 to 10,000 Hz	[3]
Resonant Frequency	1500 kcpm	25 kHz	[1]
Broadband Resolution(1 to 10,000 Hz)	350 µg	3434 µm/s <sup>2</sup>	[1]
Non-Linearity	± 1 %	± 1 %	[4]
Transverse Sensitivity	≤ 7 %	≤ 7 %	
Environmental			
Overload Limit(Shock)			
Temperature Range			
Temperature Response			
Enclosure Rating			
Electrical			
Settling Time(within 1% of bias)			
Discharge Time Constant			
Excitation Voltage	18 to 28 VDC	18 to 28 VDC	
Constant Current Excitation	2 to 20 mA	2 to 20 mA	
Output Impedance	<150 ohm	<150 ohm	
Output Bias Voltage	8 to 12 VDC	8 to 12 VDC	
Spectral Noise(10 Hz)	8 µg/√Hz	78.5 (µm/s <sup>2</sup> )/√Hz	[1]
Spectral Noise(100 Hz)	5 µg/√Hz	49.1 (µm/s <sup>2</sup> )/√Hz	[1]
Spectral Noise(1 kHz)	4 µg/√Hz	39.2 (µm/s <sup>2</sup> )/√Hz	[1]
Electrical Isolation(Case)	>10 <sup>8</sup> ohm	>10 <sup>8</sup> ohm	
Physical			
Size (Hex x Height)	11/16 in x 1.65 in	18 mm x 42.2 mm	

- ICP電流4mA (min)
- ICP-bias output: 8-12VDC



## A2. WPC測試紀錄

