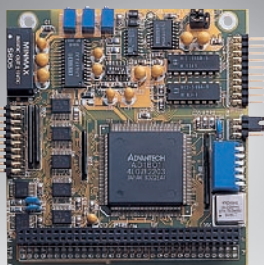


# PCM-3718H/HG

12-bit Multifunction Module with Programmable Gain

# PCM-3910

DC to DC Power Supply PC/104-plus Module



PCM-3718H/HG



## Features

- 16 x single-ended or eight differential analog inputs
- 12-bit A/D converter, up to 100 KHz sampling rate with DMA transfer
- Two 8-bit digital input/output TTL level channels

## Specifications

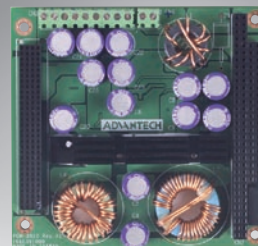
General	
Input Channels	16 x single-ended or 8 x differential inputs
Resolution	12-bit
Input Range (PCM-3718H)	Bipolar: $\pm 10, \pm 5, \pm 2.5, \pm 1.25, \pm 0.625$ Unipolar: 0 ~ 10, 0 ~ 5, 0 ~ 2.5, 0 ~ 1.25
Input Range (PCM-3718HG)	Bipolar: $\pm 10, \pm 5, \pm 1, \pm 0.5, \pm 0.1, \pm 0.05, \pm 0.01, \pm 0.005$ Unipolar: 0 ~ 10, 0 ~ 1, 0 ~ 0.1
Output Channels	two 8-bit TTL-level Digital I/O channels
Input Voltage	Logic 0: 0.8 V max., Logic 1: 2.0 V min.
Output Voltage	Logic 0: 0.33 V max. @ 6 mA (sink) Logic 1: 3.84 V min. @ 6 mA (source)
Mechanical and Environmental	
Dimension (L x W)	96 mm x 90 mm (3.8" x 3.5")
Temperature	Operating: 0 ~ 60° C (32 ~ 140° F) Storage: -40 ~ 85° C (-40 ~ 185° F)
Weight	0.084 kg (0.185 lb)
Operating Humidity	0% ~ 90% relative humidity, non-condensing
Power	
Power Supply Voltage	+5 V, $\pm 5\%$ tolerance on power supply

## Packing List

P/N	Description	Quantity
-	Startup manual	x 1
PCM-3718H/HG	12-bit Multifunction Module with Programmable Gain	x 1

## Ordering Information

P/N	Description
PCM-3718H/3718HG	12-bit multifunction module with programmable gain (cable not included)
ADAM-3920	20-pin flat cable wiring terminal for DIN-Rail mounting
PCLD-780	Screw-terminal board for 20-pin flat cable
PCL-10120-1/2	20-pin flat cable, 1/2 m Specifications



PCM-3910



## Features

- 50 W output
- 10 V to 24 V<sub>DC</sub> input range
- Reverse input protection
- 5 V, 12 V, -5 V and -12 V outputs

## Specifications

General	
Bus Interface	PC/104-Plus
Input Voltage	10 V to 24 V <sub>DC</sub>
Input Voltage	10 V to 24 V <sub>DC</sub>
Output Voltage	5 V output 10.0 A 12 V output 2.0 A -5 V output 0.4 A (optional) -12 V output 0.4 A
Mechanical and Environmental	
Dimension (L x W)	96 x 90 mm (3.8" x 3.5")
Temperature	-40 ~ 85° C (option)
Weight	0.084 kg (0.185 lb)
Operating Humidity	0% ~ 90% relative humidity, non-condensing

## Packing List

P/N	Description	Quantity
-	User's manual	x 1
PCM-3910	DC to DC Power Supply PC/104-plus Module	x 1

## Ordering Information

P/N	Description
PCM-3910-00A1E	DC to DC power module PC/104-plus Module
PCM-3910Z-00A1E	PCM-3910-00A1 with Gold phoenix package
PCM-3910Z2-00A1E	PCM-3910-00A1 with Platinum phoenix package