

# ACS-9094-00

CAN ADAPTOR FOR USE WITH THE EUROTECH COM-1274 AND CPU-1213

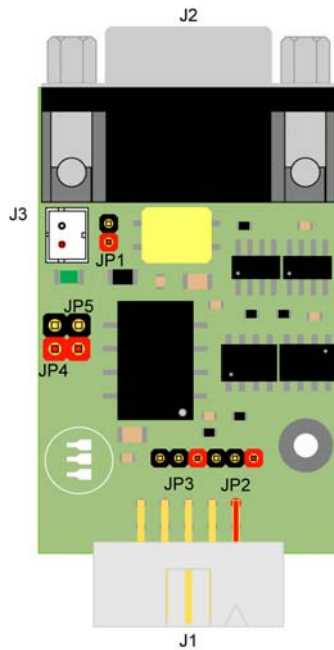
## General Features

- RoHS Compliant

## Kit Contents

- 1x ACS-9094, CAN Adaptor
- 1x 7000000033L interface cable

## Layout



Pin #1 of each connector is marked in red and have a square solder pad on the under side of the module

## Jumper Details

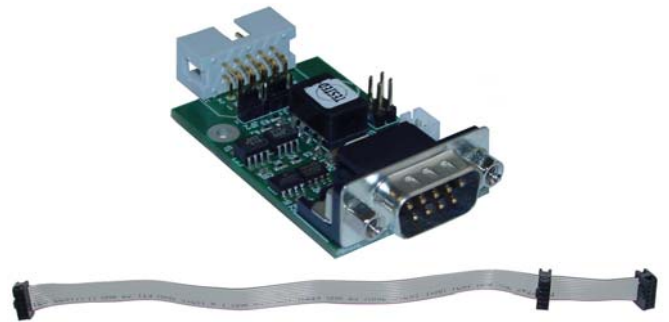
- JP1: Termination Resistor
- Type: 2pin, 2.00mm pitch

JP1	Definition	Default
Open	No termination resistor	←
Closed	120-Ohm resistor between J2 Pins 2 & 7	←

- JP2 & JP3: CAN controller selector
- Type: 3pin, 2.00mm pitch

JP2	Definition	Default
1 & 2	Use CAN1 Transmit	←
2 & 3	Use CAN2 Transmit	

JP3	Definition	Default
1 & 2	Use CAN1 Receive	←
2 & 3	Use CAN2 Receive	



## Jumper Details (Continued)

- JP4: Connect 12V from CPU-1213 to Pin 9 of J2
- Type: 2pin, 2.54mm pitch

JP4	Definition	Default
Open	Not Connected	←
Closed	J2 pin #9 connected to Pin #9 J1	

- JP5: Connect GND from CPU-1213 to CAN GND
- Type: 2pin, 2.54mm pitch

JP5	Definition	Default
Open	Not Connected	←
Closed	CAN_GND1 is connected to Pins 1, 3, 5 & 7 of connector J1 (See schematics for further details)	

## Connector Details

- J1: Computer Interface
- Male IDC Shrouded Header, 10pin, 2.54mm pitch

Pin #	Use	Pin #	Use
1	Ground	2	VDD
3	Ground	4	CAN 1 Transmit
5	Ground	6	CAN 2 Transmit
7	Ground	8	CAN 1 Receive
9	+12V	10	CAN 2 Receive

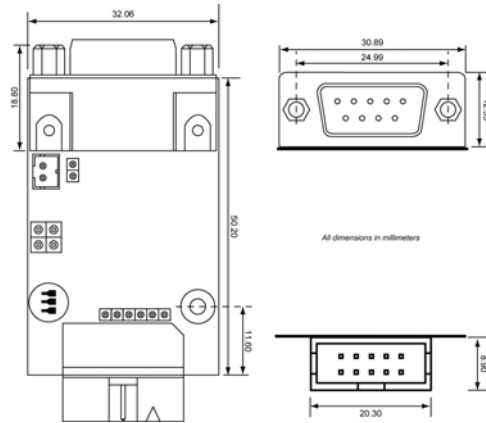
- J2: CAN I/O
- Type: Male 9pin DB9

Pin #	Use
1	Not Connected
2	CAN Low
3	CAN Ground 1
4	Not Connected
5	Not Connected
6	CAN Ground 1
7	CAN High
8	Not Connected
9	V EXT

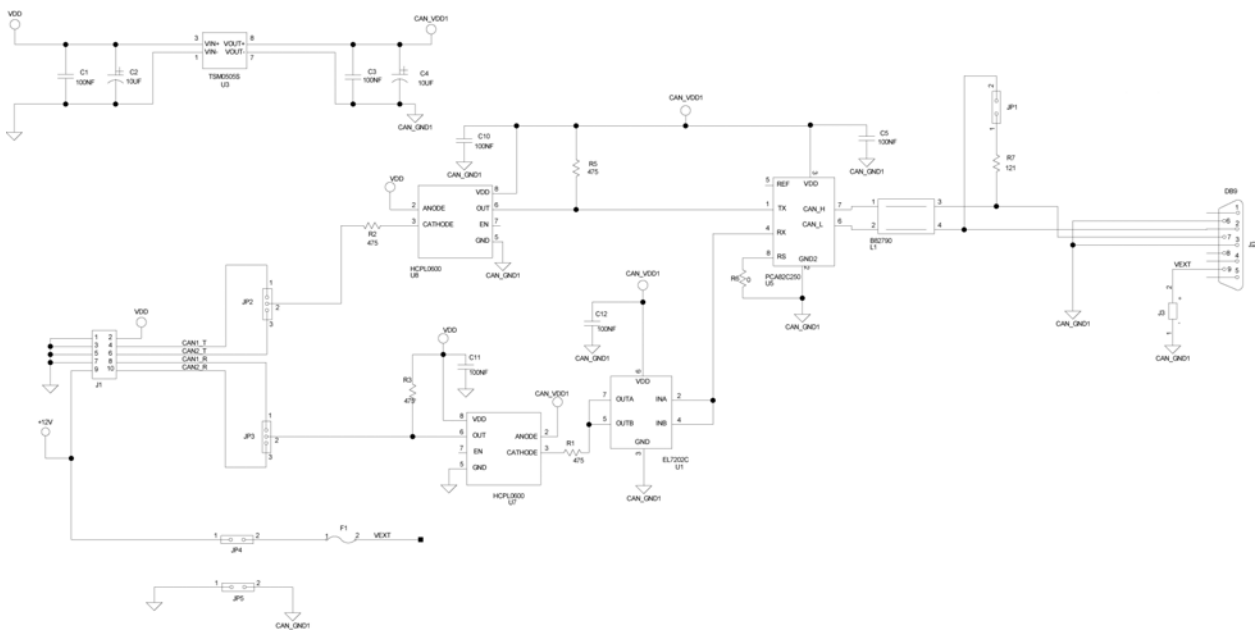
- J3: External Power Input
- Type: Male Shrouded & Polarized, 2pin 2.00mm pitch

Pin #	Use
1	CAN Ground 1
2	V EXT

Mechanical Dimensions

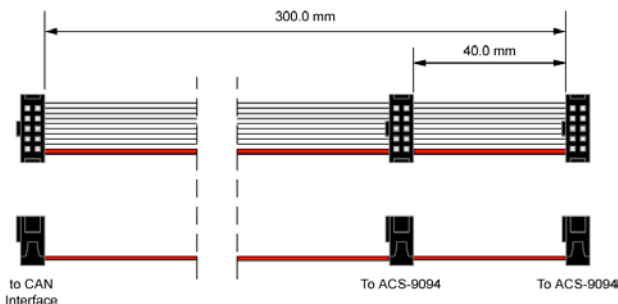


Schematics



7000000033L

Module	CPU Connector	Module	CPU Connector
COM-1274	J15	CPU-1213	J7



Connector Details

- 3x Female Minitek IDC, 8pin (4x2), 2.00mm pitch

To CAN Interface	To both ACS-9094	To CAN Interface	To both ACS-9094
1	1	2	2
3	3	4	4
5	5	6	6
7	7	8	8
9	9	10	10

Note: Although only one adaptor is supplied with each kit, the cable can be used for connecting one or two ACS-9094 modules to a system (Option dependent).



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