CAN Link Board

Overview

This CAN Link board works with Generation 1 Sensors. It allows easy creation of a CAN networks using 6 pin JWPF Connectors.

It has three 6 pin JWPF Connectors. One is to attach a sensor node, the other 2 connectors are intended to be used as CAN in and CAN out to other CAN link boards.

A switch is provided if the CAN bus needs to be terminated with a 120 Ohm resistor.

Environment	Operating temperature	-40 to +80	℃
	Dust and Water Ingress	no protection	
Mass		30	grams
Dimensions	Height x Width x Length	18x24x35	mm
CAN [1]	Baud Rates	up to 1000	kbps
Power [2]	Voltage Range	5 to 5.2	V
	Current	up to 200mA	mA @ 5V

Sensor Connector	On Unit	3 x B06B-JWPF-SK-R
	Mating [3]	3 x 06R-JWPF-VSLE-D
	Crimp	SWPR-001T-P025
	Pin No.	Function
	1	Ignition/wakeup [4]
	2	Supply Voltage
	3	Ground
	4	CAN High
	5	CAN Low
	6	Factory Reset [5]

Switch	Position	Function
S1	On	CAN Bus Terminated and Filtered
	Off	CAN bus unterminated

[1] The filtering frequency is at 1100kbps with a 3dB roll off.

[2] This is 5V minimum at the Development board ensure that the USB cable is short and of good quality.

[3] Not Supplied.

[4] By default this mode is switched off, if it is enabled connect this pin from 2.5v to supply voltage to wake unit.

[5] To reset the unit to factory settings pull this from 2.5v to supply voltage on unit power up