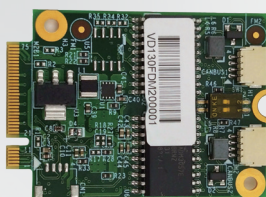


VDB-130-FD-M2

USB2.0 to Dual Isolated CAN FD



- Dual Isolated CAN FD
- Compatible with CAN 2.0A, CAN 2.0B, and CAN protocol
- USB 2.0 Interface
- M.2 Type 3042 Key B
- Operating Temp.: -40°C to 85°C

Specifications

Chipset	
	Fintek F81605N
Supported Data Rate	
	1, 2, and 5Mbps
Supported Bit Identifier	
	11-bit for CAN 2.0A, 29-bit for CAN 2.0B
Electrical Characteristics	
Isolation	5 kV rms for signal, 3 kV rms for power
CAN Output Voltage Range	5.0VDC ±5%
Interface	
Input	USB 2.0
Output	2 x 1.0 mm 1x4-PIN JST (H1, H2)
	PIN 1: GND_ISO
	PIN 2: CAN_H
	PIN 3: CAN_L
	PIN 4: GND_ISO
Configuration	
Termination Resistor *PIN 1 for H2 *PIN 2 for H1	ON (Default Setting) 
	OFF 
Power Requirement	
Power Input	3.3VDC ±10%
Power Consumption	TBD
Environmental	
Operating Temp.	-40°C ~ 85°C, ambient w/ air flow 0.6m/s
Storage Temp.	-55°C ~ 120°C
Relative Humidity	10% RH – 90% RH (non-condensing)
Software	
Supported Driver	Windows 10/11 64-bit, Linux Kernel 2.6 or above
EMC Compliance	
	CE, FCC
Mechanical	
Form-factor	M.2 3042 Key B
Dimensions (L x W x H)	30 x 42 x 8 mm

Ordering Information

Model Number

VDB-130-FD-M2

Description

M.2 3042 Key B USB 2.0 to Dual Isolated CAN FD Module

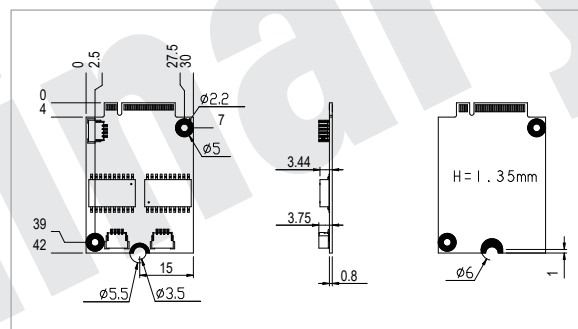
Accessory

2 x D-Sub 9 Male Cable

State of Origin

Made in Taiwan

Mechanical Drawing



D-Sub 9 Connector Pinout

Pin No.	Signal
1	N/C
2	CAN_L
3	GND
4	N/C
5	N/C
6	GND
7	CAN_H
8	N/C
9	N/C

