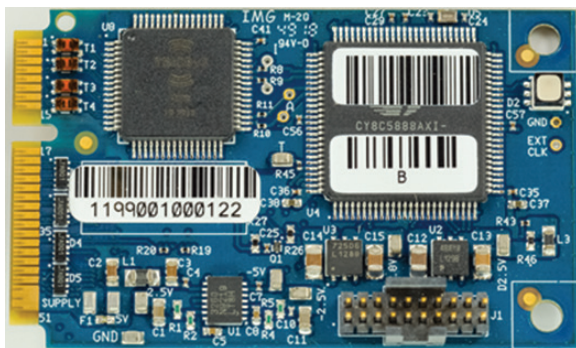


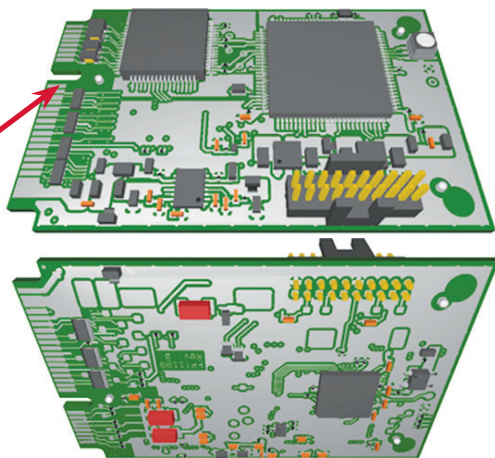
Transonic Inside™ AFPT1199 Flowboard Technical Data Sheet

The *Transonic Inside*™ AFPT1199 Flowboard is Transonic's most recent Flowboard release. The AFPT1199 is designed for use with an external host controller. It can be paired with a clamp-on or inline Transonic flowsensor and integrated into virtually any OEM device. No onboard software/protocol validation required.



The mounting mechanism of the AFPT1199 is designed to allow for effortless placement on the external host. The AFPT1199 can accept the largest range of Transducer frequencies, making this the best option to pair with Transonic's smallest sensor sizes.

INTERFACE:
MM60, 52 pin
edge connector



Mechanical Specifications	
Physical Dimensions	1.93" x 1.18" x 0.20"
Weight	< 12 grams
Electical Specifications	
Power Consumption	< 0.5 W @ 5VDC
Input Voltage	5 VDC (±0.25V)
Transducer Frequency*	0.6 – 9.6 MHz
Communication Specifications	
Output Interface	SPI, UART (SCI), CANOpen
Output Via	Command Response Interrogation or Streaming
Output Signals	Flow, Signal Quality, Phase
Performance Specifications**	
Maximum Offset	±2% of Scale Flow
Board Accuracy @ 37°C	±2% of offset corrected reading

*Transducer frequency refers to Transonic sensor sizes compatible with the AFPT1199. See Transonic sensor specifications for more information.

**For board only. Full system performance specifications are dependent on the sensor used.

The *Transonic Inside*™ AFPT1199 Flowboard is available as an Evaluation Kit, designed to simplify testing and generate measurements with ease. Contact the *Transonic Inside*™ team to learn more!

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