

ETAI7

ETK ECU Adapter, SAMTEC – SAMTEC (10fc - 10mc)

Data Sheet



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1 Introduction

Adapts ECU with an 10 pin TFM SAMTEC connector to an ETK-S4.2B / C. An ETAI1 Adapter is necessary to connect the ETK-S4.2B / C with the ETAI7 Adapter.

1.1 View

The ETAI1 adapter is not included in delivery.

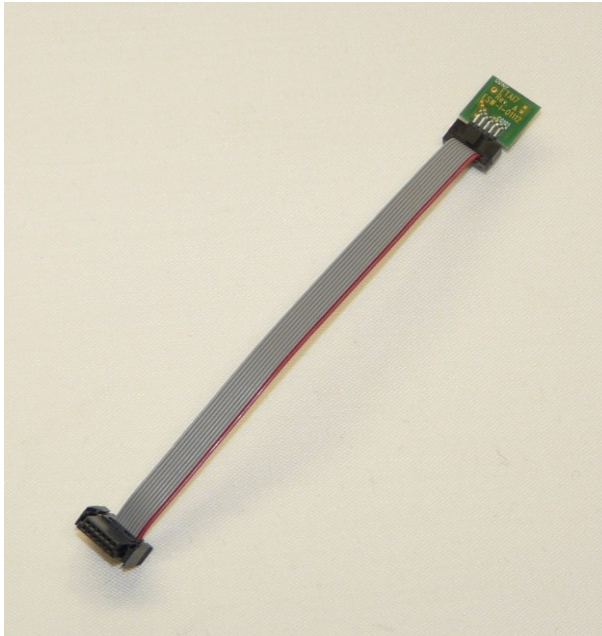


Figure 1: Top View



Figure 2: Bottom View

2 Technical Data

2.1 ECU Connector

To fit with the ETAI7 adapter, in the ECU must installed an 10 pin SAMTEC connector with the order number TFM-105-02-S-D-P or a similar type.

Pinlist for the 10 Pin connector:

Pin	Signal	Description
1	GND	Signal Ground
2	TCK	JTAG Signal
3	/TRST	JTAG Signal
4	TDO	JTAG Signal
5	TMS	JTAG Signal
6	TDI	JTAG Signal
7	n.c.	Not connected
8	VDDP (SENSE)	Switched power supply of ECU (ignition)
9	/HRESET	Not Connected to ETK, only to Solderpad CO102
10	/PORST	ECU Reset signal

2.2 Pin Count for the Connectors

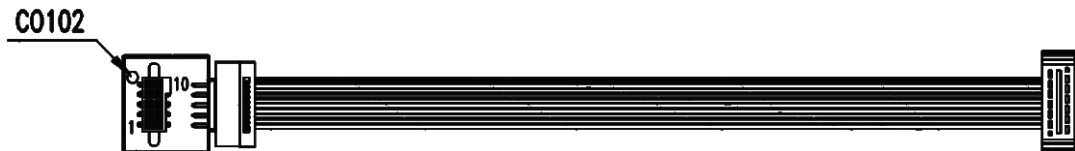


Figure 3: Pin Count CO102

2.3 Measurement Drawing

measured in mm



Figure 4: Measurement Drawing Top

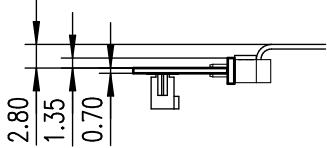


Figure 5: Measurement Drawing Side

3 **Ordering Information**

Short Name	Order - Number
ETAI1	F 00K 105 542
ETAI7	F 00K 107 756

4 ETAS Contact Addresses

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