

## ETAS ETAM8

BR\_XETK-S3 ECU Adapter, FCI -  
SAMTEC SFM (20c - 10fc), 0m112

 Data Sheet

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## 1 Introduction

ETAM8 adapts ECU a 10 pin SAMTEC TFM-105 connector to a BR\_XETK-S3.0, -S4.0, FETK-T1.1, -4.0, FETK-S1.1, FETK-S2.1. There are two variants for the ETAM8 Adapter available. ETAM8A hold the ECU in Reset, while the ETK is booting. ETAM8B do not pull the Reset low while booting.

### 1.1 View

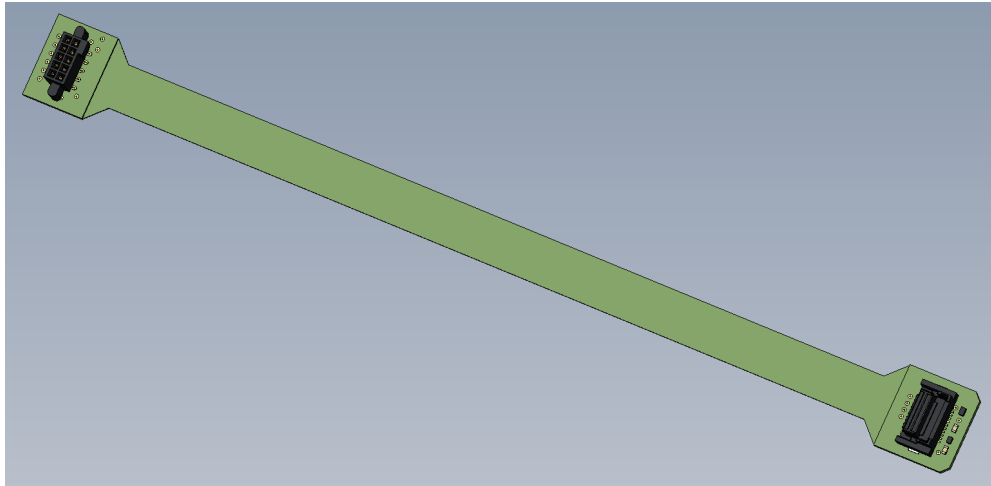


Figure 1 View

## 2 Technical Data

### 2.1 ECU Connector

In order to be able to use the ETK adapter ETAM8 in the ECU, a 10 pin SAMTEC connector (e.g. TFM-105-02-S-D-P) must be available on the ECU. Depending on ECU connector lead style mated height is between 6,35mm and 11,81mm (distance between the PCB's). JTAG, DAP, LFAST or SWD mode depends on the used ETK.

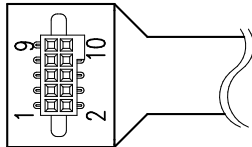


Figure 2: Pin Count

Pin Number	JTAG Mode	LFAST Mode	DAP Mode	SWD Mode
1	GND	GND	GND	GND
2	TCK	DRCLK	DAP0	SWCLK
3	/TRST	RXD-	/TRST	/TRST
4	TDO	RXD+	DAP2	RESERVED (TDO)
5	TMS	TXD+	DAP1	SWDIO
6	TDI	TXD-	-	RESERVED (TDI)
7	WDGDIS	WDGDIS	WDGDIS	WDGDIS
8	VDD (Sense)	VDD (Sense)	VDD (Sense)	VDD (Sense)
9	/RESETOUT	/RESETOUT	/RESETOUT	/RESETOUT
10	/PORESET	/PORESET	/PORESET	/PORESET

## 2.2 Measurement Drawings

Measured in mm

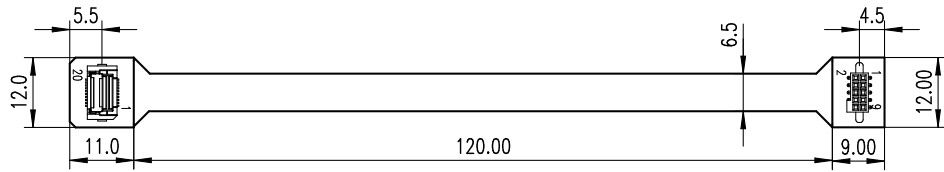


Figure 3: Bottom View

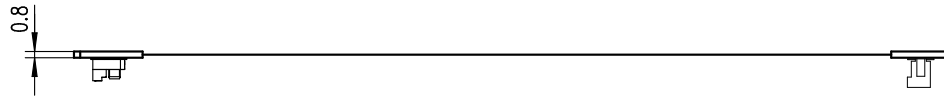


Figure 4: Side View

## 2.3 Temperature Range

Condition	Temperature
Operating Temperature	-40°C - +110°C

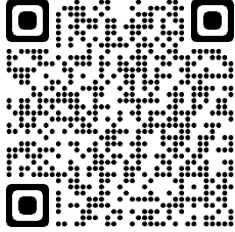
### 3 Ordering Information

<b>Short Name</b>	<b>Order - Number</b>
ETAM8A	F 00K 110 754
ETAM8B	F 00K 110 881

## 4 Contact Information

### Technical Support

For details of your local sales office as well as your local technical support team and product hotlines, take a look at the website: [www.etas.com/hotlines](http://www.etas.com/hotlines)



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