



ETAE10

ETK8 Adapter

Order No.: F 00K 102 816



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1 General

The ETAE10 adapter connects an ECU with an ETK8.
Adaption to the ECU is done by a 60pol SAMTEC connector.

1.1 Connection

As counterpart to the ETAE10, a connector of the SAMTEC company (Order No.: SFM-130-02-S-D-K) must be soldered to the ECU.

1.2 Views

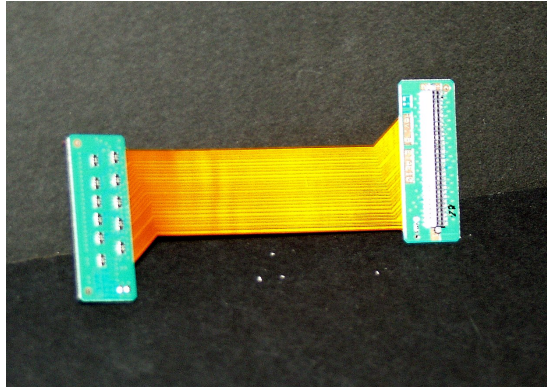


Figure 1-1 View of ETK-connector

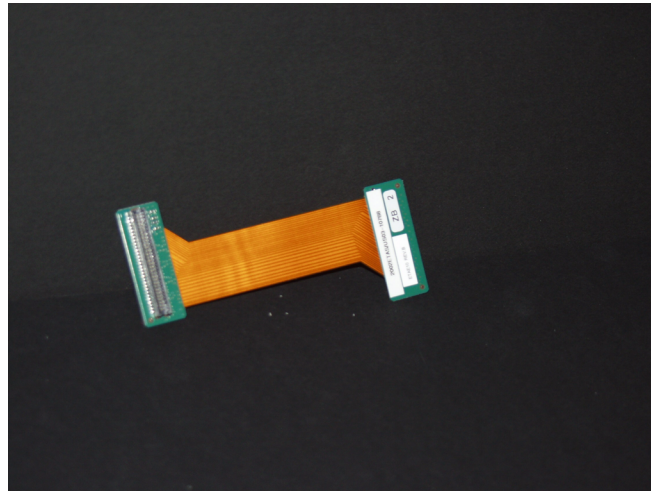


Figure 1-2 View of ECU-connector

2 Connection of the ETAE10 to the ECU

2.1 Connector ST100 to the ECU

Num.	Description	Num.	Description
1	GND	2	D0
3	D1	4	D2
5	D3	6	D4
7	D5	8	D6
9	D7	10	GND
11	D8	12	D9
13	D10	14	D11
15	D12	16	D13
17	D14	18	D15
19	GND	20	A0
21	A1	22	A2
23	A3	24	A4
25	A5	26	A6
27	A7	28	A8
29	A9	30	A10
31	A11	32	A12
33	A13	34	A14
35	A15	36	A16
37	A17	38	A18
39	A19	40	SIZE
41	/CS	42	/WCS
43	GND	44	/RW
45	/SGRD	46	B2
47	GND	48	/DS
49	USG	50	/SGRES
51	IS	52	B3
53	GND	54	B4
55	B5	56	/SGFLSHEN
57	/ETKCON	58	GND
59	UBATT	60	UBATT

2.2 Configuration Bridges and Testing Points

2.2.1 B2

B2 connects pin 46 on ECU to pin 46 on ETK.

2.2.2 B3

B3 connects pin 52 on ECU to pin RES1 on ETK.

2.2.3 B4

B4 connects pin 54 on ECU to pin RES2 on ETK.

2.2.4 B5

B5 connects pin 55 on ECU to pin RES3 on ETK.

2.2.5 B6

B6 connects pin 57 on ECU to pin /ETKCon on ETK.

2.2.6 B1

Connection	Function
closed (default)	UBatt on ST100 Pin 59 and 60 is connected to the ETK8
open	UBatt on ST100 Pin 59 and 60 is isolated

3 Measurement Drawing

