



OBD V8 Renesas M10
C4D-4MUSAB_V8

Reference : Difference Document

Version : AA

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Product Difference

1. Product Information.

Model: C4D-4MUSAB_V8

FCC ID: A6GC4D-4MUSABV8, originally granted on 12/06/2021

For These references For the Following Components, we have alternative sources:

Battery Charger:

a) ASB2090 Alternative 1

Description	Reference on schematic	Reference of associated component on schematic
1A Linear Li-Ion Battery Charger with Trickle Charge, 4.1V, no safety timer	U2	C11, C12, R3, R4, R6, R7

b) ASB2088 Alternative 2

Description	Reference on schematic	Reference of associated component on schematic
1-cell, 1-A, Li-ion battery charger with operation over JEITA and 100k Ω NTC	U24	C101, C102, Q44, R143, R144, R145, R147



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c) ASB2092 Alternative 3

Description	Reference on schematic	Reference of associated component on schematic
800-mA linear battery charger for 1-cell Li-ion and LiFePO4	U25	C103, C104, R149, R150, R151, R153

5V Boost

a) ASB2090 Alternative 1

Description	Reference on schematic	Reference of associated component on schematic
3.5-MHz High Efficiency Step-Up Converter	U3	C14, L7

b) ASB2092/ASB2088 Alternative 2

Description	Reference on schematic	Reference of associated component on schematic
2.5 MHz, 1 A, Fixed-Output Synchronous TinyBoost® Regulator	U26	C105, L7

CAN Transceiver

a) ASB2090/ASB2088 Alternative 1

Description	Reference on schematic	Reference of associated component on schematic
High-speed CAN transceiver with Standby mode and $\pm 42V$ bus fault protection DFN package	U16	

b) ASB2092 Alternative 2

Description	Reference on schematic	Reference of associated component on schematic
CAN transceiver With VIO, - 27/+40V IO protection and Stand-by pin SOIC package	U27	

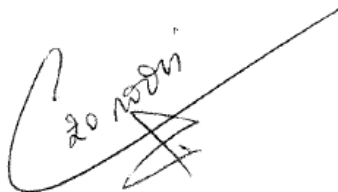
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