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Enclustra User Schematics

Mars EB1 Revision 2.5

Disclaimer

User schematics do not include proprietary Enclustra design elements, such as power supply circuits. These circuits use optimized designs which are extremely compact and remain proprietary to Enclustra. The user manual provides all necessary information to use the module and its interfaces.

User schematics are provided after purchase of Enclustra hardware, and may also be provided in certain cases before purchase, to assist in product evaluation.

No part of the schematics may be copied or modified without written permission from Enclustra.

Full schematics, including a full bill-of-materials, may be available through the purchase of a hardware licence for the product in question. Please contact Enclustra Sales for more information.

Note: DNE = Do Not Equip (parts not equipped by default)

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5 D D Mars EB1 Base Board Revision 2.5 Sheet 1: Cover **Sheet 2: Module Connector** C Sheet 3: System Controller PLD **Sheet 4: USB Connectors Sheet 5: USB Controller** Sheet 6: Mini Camera Link Interface 0 Sheet 7: Mini Camera Link Interface 1 Sheet 8: Oscillator / SD-Card / EEPROM / Flash Sheet 9: Ethernet Interface / Battery / Reset В Sheet 10: HDMI Interface Sheet 11: Anios/PMOD/JTAG/Control Connectors Sheet 12: User Interface Sheet 13: Power Input / Power Control Sheet 14: Power $5\bar{V} / 3.3V / 2.5V$ Sheet 15: System Monitor Sheet 16: Mechanics Α © 2020 by Enclustra GmbH 1_COVER 0000 R2.5 DNE = do not equipConfidential Revision **Enclustra GmbH** Mars EB1 307 Designed MHEI 9 Apr 2020 1/16Sheet/sheets





























