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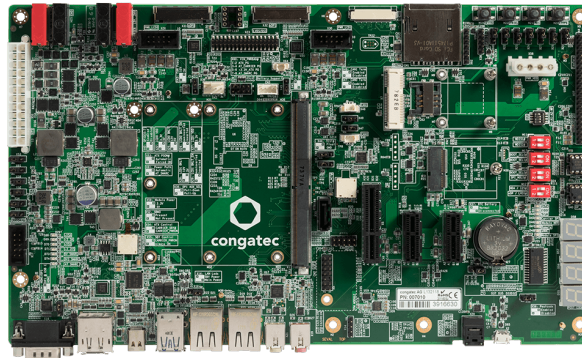


Datasheet

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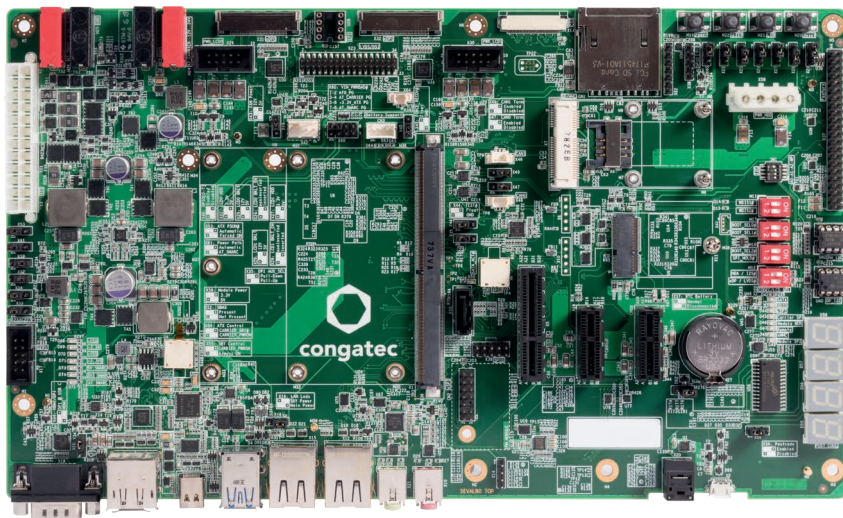
Evaluation Carrier Board compatible with SMARC modules



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Evaluation Carrier Board for SMARC Module

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Evaluation Carrier Board	compatible with SMARC modules
Ethernet	2x Gigabit Ethernet
Internal connectors	1x PCIe x4 1x miniPCIe 1x PCIe x1 1x M.2 socket Key E 1x SATA 1x USB 3.0 1x USB 2.0 1x micro USB 2.0 (OTG) 1x USB Type C with PD and DP1 via Alternate Mode 2x RS-232 (1x internal RX/TX on pinheader, 1x RX/TX w/ handshake on DSUB9) 2x CAN GPIO 1x SDIO interface 2x I ² C Bus 1x eSPI/SPI1 on header 1x SPI Bus 1x FAN control 1x Disk Drive Power Output
Internal Graphic Interface	2x24 bit LVDS connector shared with 2x eDP or 2xDSI
External Graphic Interfaces	1x DP++ 1x HDMI
Camera Interface	2x CSI2
Audio	I ² S Audio interface and HDA interface
Buttons and LED's	Power button Reset button Sleep button LID button various indication LEDs
Feature Connector	1x Standard congatec Feature Connector
Postcode	4x 7-Segment Postcode LEDs connected to GP_I2C bus
Temperature	Operating: -40 .. +85°C Storage: -20 .. +80°C
Power Input	ATX Power Supply 12V - 24V Wide Range Carrier Board Supply 3.0V - 5.25V Wide Range Module Supply USB Type C PD (12V - 20V)
Humidity	Operating: 10 - 90% r. H. non cond. Storage: 5 - 95% r. H. non cond.
Size	294 x 172 mm

conga-SEVAL | Order Information

Article	PN	Description
conga-SEVAL	007010	Evaluation Carrier Board for SMARC 2.0 modules



Gefördert durch:



aufgrund eines Beschlusses
des Deutschen Bundestages

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