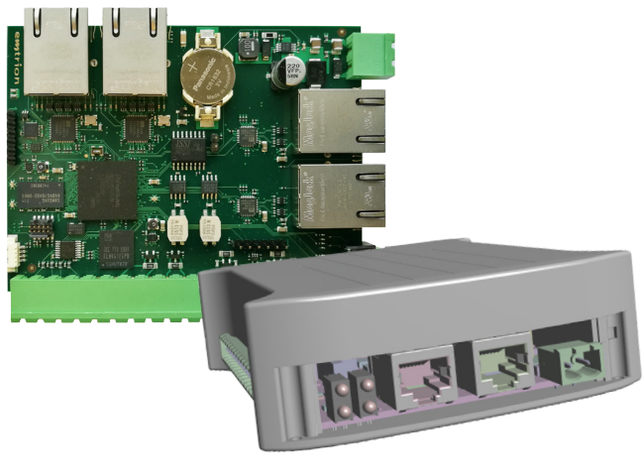
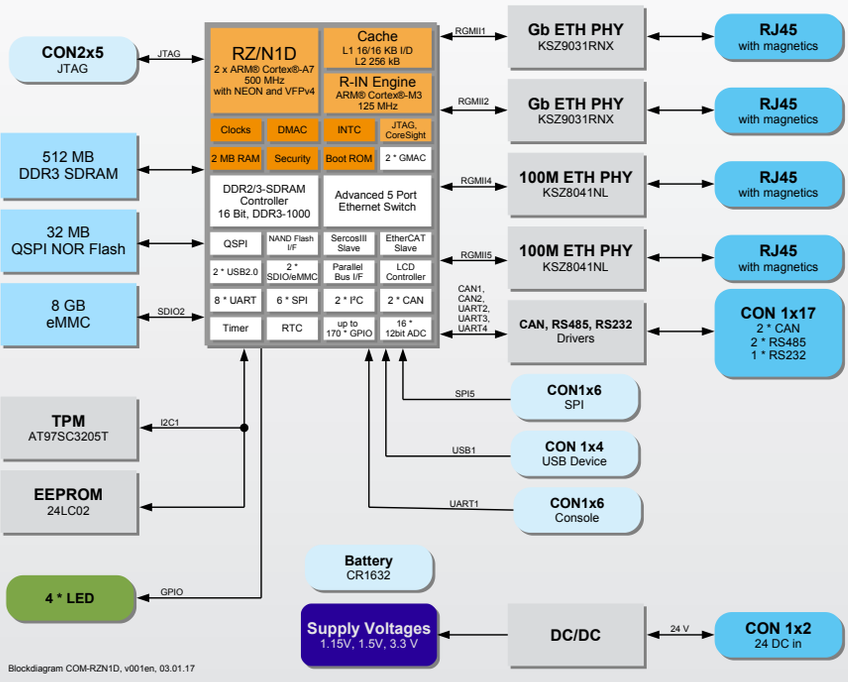
Flex2COM





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DATA SHEET

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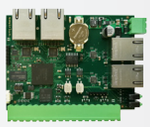
emtrion embedded systems

	COMM-RZ/N1D	Flex2COM
	 COMING SOON	COMING SOON
Linux	yes	
CANopen Master/Slave	yes	
EtherNet/IP	yes	
DLR („Device Level Ring“)	yes	
EtherCAT	coming soon	
PROFINET CCB RT1	yes	
Industrial Communication Middleware	GOAL by Port	
CPU manufacturer	Renesas RZ/N1D	
CPU architecture	ARM Cortex-A7 (dual core)	
CPU performance	2x 500 MHz	
Co-Processor	Cortex-M3 @ 125MHz	
RAM	512 MB DDR3-SDRAM	
Flash	8 GB NAND Flash	
Ethernet	2x 100 Base TX / 2x 1000 Base TX	
UART: RS232/RS485	1/2	
CAN	2 x 2.0 A/B	
RTC (battery buffered)	yes	
Size in mm	110 x 90 x 15	120 x 100 x 35
max. power consumption	10...30V / 200mA @ 24V	
Operating temperature	0…+70°C, opt. -40…+85°C	
Mounting	-	t-rail
CE Marking	-	yes
Emmission	-	EN 55011/CISPR11; Class A
EMC	-	EN 61000-6-2
Signaling	4 LEDS, protocol-specific	

Subject to change without notice.
Rev1: 04/2018

goal INDUSTRIAL COMMUNICATION MIDDLEWARE

CANopen EtherNet/IP EtherCAT Technology Group PROFINET

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