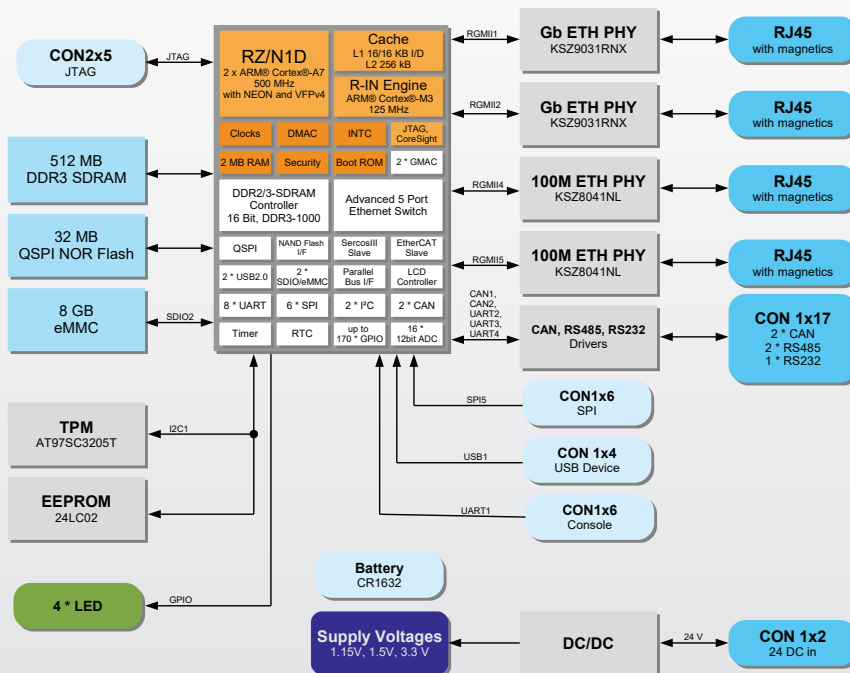
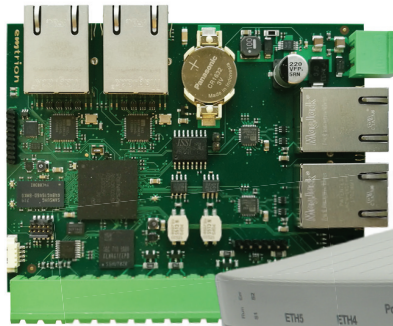


# Flex2COM

## based on RZ/N1D microprocessor



embedded systems





Blockdiagram COM-RZ/N1D, v001en, 03.01.17

## Getting started with your embedded development!

### Reduce your time to market with our Developer Kits!

With an developer kit you can easily start your application development and reduce your time to market.

Our engineers are unique experts in hardware and software development. The embedded solutions are all from one source.

	SBC-RZ/N1D	Flex2COM
		
Operating System	Linux (Yocto, Debian)	
CANopen Master/Slave	on request	
EtherNet/IP	on request	
DLR („Device Level Ring“)	on request	
EtherCAT	on request	
PROFINET CCB RT1	on request	
Industrial Communication Middleware	on request	
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: 3/9/2019



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