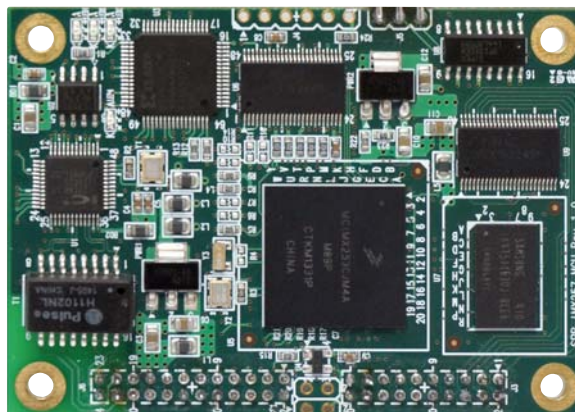


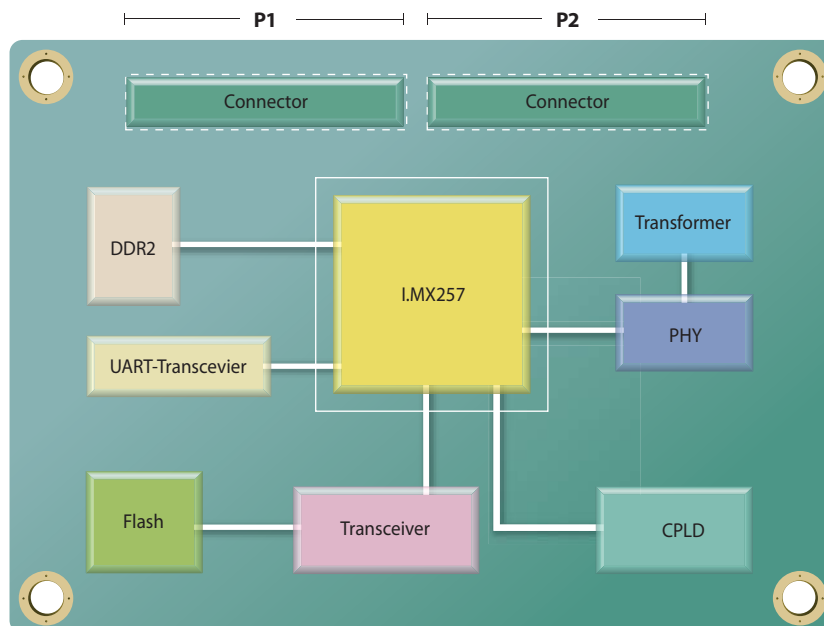
ZCPU257 Module

- ARM926JF-S™/ 400 MHz maximum speed
- 128 KB Integrated SRAM / 16 KB I/D L1 Cache
- Local Bus Interface support
- 10/100 Mbps Ethernet/IEEE®802.3 networks controllers
- RS-232C/USB Communication Interface support
- SPI/I2c Interface support
- SD Card Interface support
- GP I/O Port Interface support
- 2 Row Header connector Interface



Technical Information

System Processor and Chipset	
Processor	ARM926JF-S™ Core Processor operating 400MHz
Cache Structure	16KB I/D L1 Cache
Ethernet Controller	1 x 10/100 Ethernet/IEEE®802.3 networks
Memory Controller	Integrated Synchronous DDR2 controller with ECC support
UARTs	3 x UART integrated in SOM
Memory	
System Memory	128MB DDR2
Flash Memory	NAND flash Up to 1GB flash
Onboard Controllers	
Watchdog	Watchdog timer with programmable timeout
Ethernet	10/100 TP Transformer connection interface
UART	1 x RS-232c Null modem pinout
Software	
U-boot	U -boot Firmware 1.3.3 release
Linux	Operating system board support package



P1			
PIN	SIGNAL	SIGNAL	PIN
1	+3.3V	+3.3V	2
3	3V3_A0	3V3_A1	4
15	3V3_A2	3V3_A3	6
7	3V3_A4	3V3_A5	8
9	3V3_A6	3V3_A7	10
11	3V3_A8	3V3_A9	12
13	3V3_A10	3V3_A11	14
15	3V3_A12	3V3_A13	16
17	3V3_A14	3V3_A15	18
19	GROUND	GROUND	20

P2			
PIN	SIGNAL	SIGNAL	PIN
1	ECER0	ECER1	2
3	ESEMR	EWR	4
5	EOER	D0	6
7	D1	D2	8
9	D3	D4	10
11	D5	D6	12
13	D7	EINTR	14
15	EBUSY	ERESET_MODULE	16
17	ETCP_REC_INT_ON	ETCP_TRAN_INT_ON	18
19	EUDP_START_FLAG	ELR_SET_SIGNAL	20
21	RXP1	RXN1	22
23	TXP1	TXN1	24

Ordering Information

Items	Order Code	Description
CPU Main Board	ZCPU257 - CM	ZCPU257 CPU Module

► Please contact zerosysmall@gmail.com to define the version fitting your requirements.

ZCPU257 options : Make your choice!

- Processor : I.MX257
- CPU frequency : 400MHz

Corporate Offices



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