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Development Environment

Xilinx SDSoC (1)

Single Board Computers

- Rico Board (TI AM437x) (1)
- Z-turn Board (Xilinx Zynq-7010/20) (1
- MYS-SAM9X5 (Atmel SAM9X5) (5)
- MYS-SAM9G15
- o MYS-SAM9G25
- MYS-SAM9G35
- o MYS-SAM9X25
- MYS-SAM9X35
- MYS-SAM9G45 (Atmel SAM9G45) (1
- MYS-S5PV210 (Samsung S5PV210)

Development Boards

- MYD-C7Z010/20 (Xilinx ZYNQ) (1)
- MYD-C7Z015 (Xilinx ZYNQ) (1)
- MYD-C437X (TI AM437x) (1)
- MYD-AM335X (TI AM335x) (1)
- MYD-AM335X-Y (TI AM335x) (1)
- MYD-AM335X-J (TI AM335x) (1)
- MYD-JA5D4X (Atmel A5D4) (1)
- MYD-SAMA5D3X (Atmel A5D3) (5)
- MYD-SAMA5D31
- MYD-SAMA5D33
- MYD-SAMA5D34
- MYD-SAMA5D35
- MYD-SAMA5D36
- MYD-SAMA5D3X-C (Atmel A5D3) (1)
- MYD-SAM9X5 (Atmel SAM9X5) (5)
- o MYD-SAM9G15
- MYD-SAM9G25
- o MYD-SAM9G35
- o MYD-SAM9X25
- o MYD-SAM9X35
- MYD-SAM9X5-V2 (Atmel SAM9X5) (5
- o MYD-SAM9G15-V2
- MYD-SAM9G25-V2
- o MYD-SAM9G35-V2
- MYD-SAM9X25-V2
- o MYD-SAM9X35-V2
- MYD-IMX28X (Freescale i.MX28) (1)
- MYD-LPC435X (NXP LPC435x) (2)
- o MYD-LPC4350
- o MYD-LPC4357
- MYD-LPC185X (NXP LPC185x) (2)
- o MYD-LPC1850
- o MYD-LPC1857
- MYD-LPC1788 (NXP LPC1788) (1)

CPU Modules

- MYC-C7Z010/20 (Xilinx ZYNQ) (1)
- MYC-C7Z015 (Xilinx ZYNQ) (1)
- MYC-C437X (TI AM437x) (1)

Products > CPU Modules > MYC-IMX28X (Freescale i.MX28) > MYC-IMX28X CPU Module



MYC-IMX28X CPU Module

- 454MHz Freescale I.MX28 Series ARM926EJ-S Processors
- 128MB DDR2 SDRAM, 256MB Nand Flash, 128KB SPI Flash
- On-board Ethernet PHY
- Two 1.27mm pitch 80-pin SMT Male Connectors for Board-to-Board Connections
- Ready-to-Run Linux 2.6.35 OS
- Supports -40 to +85 Celsius Extended Temperature Operation for Industrial Applications





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Price and Ordering

ltem	Part No.	Unit Price	Ordering
MYC-IMX28X CPU Module	MYC-C283-256N128D-I	USD39	
	MYC-C287-256N128D-I	USD39	W
MYD-IMX28X Development Board	MYD-C283-256N128D-I	USD99	W
	MYD-C287-256N128D-I	USD99	W
MY-LCD43TP 4.3 inch LCD Module with resistive touch screen (optional)	MY-TFT043RV2	USD60	#
MY-LCD70TP 7 inch LCD Module with resistive touch screen (optional)	MY-TFT070RV2	USD99	
MY-LCD70TP-C 7 inch LCD Module with capacitive touch screen (optional)	MY-TFT070CV1	USD99	\

Note:

- 1. Please contact MYIR to specify the CPU i.MX283 or i.MX287 you need after placing order.
- 2. Discount is available for mass orders. Please contact MYIR for inquiries.
- 3. The boards are of industrial grade can work in -40~85 Celsius.
- 4. We accept custom design based on the MYC-IMX28X, whether reducing, adding or modifying the existing hardware according to customer's requirement.

Packing List

NO.	Item	Qty	Description
1	MYC-IMX28X CPU Module	1pc	MYC-IMX283/MYC-IMX287
2	DVD	1pc	one product DVD disk

- MYC-AM335X (TI AM335x) (1)
- MCC-AM335X-Y (TI AM335x) (1)
- MCC-AM335X-J (TI AM335x) (1)
- MYC-IMX28X (Freescale i.MX28) (1)
- MYC-JA5D4X (Atmel A5D4) (1)
- MYC-SAMA5D3X (Atmel A5D3) (5)
- MYC-SAMA5D31
- o MYC-SAMA5D33
- MYC-SAMA5D34
- MYC-SAMA5D35
- MYC-SAMA5D36 CPU Module
- MCC-SAMA5D3X-C (Atmel A5D3) (1
- MYC-SAM9X5 (Atmel SAM9X5) (5)
- o MYC-SAM9G15
- MYC-SAM9G25
- MYC-SAM9G35
- MYC-SAM9X25
- MYC-SAM9X35
- MYC-SAM9X5-V2 (Atmel SAM9X5) (5
- MYC-SAM9G15-V2
- o MYC-SAM9G25-V2
- o MYC-SAM9G35-V2
- MYC-SAM9X25-V2
- MYC-SAM9X35-V2
- MYC-S5PV210 (Samsung S5PV210)
- (1) MYC-Exynos4412 (Samsung) (1)

Add-on Options

- MY-LCD43TP LCD Module (1)
- MY-LCD70TP LCD Module (1)
- MY-LCD70TP-C LCD Module (1)
- MY-CAM001U USB Camera Module
- (1) MY-CAM011B BUS Camera Module
- (1) MY-WF003U USB WiFi Module (1)
- MY-WF004S SDIO WiFi Module (1)
- MY-CU005U USB 3G Module (1)
- MY-GPS008C GPS Module (1)
- MY-SODIMM200 Socket (1)
- MY-ZB010C ZigBee Module (1)
- MY-ZB010C-E ZigBee EVM (1)
- Z-turn IO Cape (1)
- MY-GPRS007C GPRS Module (1)
- MY-UART012U Convertor (1)

Product Updates

MORE>>

- MYIR Introduced the High-performance Xilinx Zynq-7015 SoM and DevKit
- Submit Your Feedbacks on MYIR's Xilinx ZYNQ Series Products
- MYIR has released EVM and SoM for Atmel SAMA5D4 processors
- MYIR has released EVM and SoM for TI AM437x family processors
- MYIR introduced low-cost Xilinx Zynq-7010/20 SoM and DevKit
- Two ARM Cortex-A9 Single Board Computers Z-turn Board and Rico Board are available Now!

Room 1306, Wensheng Center, Wenjin Plaza, North Wenjin Road, Luohu District, Shenzhen, China 518020

E-mail: sales@myirtech.com or myirtech@yahoo.com Phone: +86-755-22984836 Fax: +86-755-25532724





