

EasyMx PRO v7 for STM32 ARM with STM32F407VG

USART1:

Pin	Function	Slot	Switch	Signal	Connector
(68) PA9	USART1_TX	None	SW12-1	TX-FTD1	USB UART A
(69) PA10	USART1_RX	None	SW12-2	RX-FTD1	USB UART A
(68) PA9	Input	None	SW12-7	USB-VBUS	
(69) PA10	Output	None	SW12-8	USB-PSW	

Note: Use USB or USART1 but not both at the same time. When using USB, SW12-7 must be set on. SW12-8 is used in USB host mode only.

USART2:

Pin	Function	Slot 2	Switch	Signal	Connector
(86) PD5	USART2_TX	TX	SW12-3	TX-FTDI2	USB UART B
(87) PD6	USART2_RX	RX	SW12-4	RX-FTDI2	USB UART B

Note: If using FTDI2 for serial communication, do not place a click board in slot 2 that requires TX and RX pins.

USART3:

Pin	Function	Slot 1	Switch	Signal
(55) PD8	USART3_TX	TX	None	N/A
(56) PD9	USART3_RX	RX	None	N/A

Note: USART3 is dedicated to slot 1 use.

SLOT1 GPIO:

Pin	Net name	Slot 1	Switch	Signal
(29) PA4	PA4	AN	None	N/A
(17) PC2	PC2	RST	None	N/A
(60) PD13	PD13	CS	None	N/A
(23) PA0	PA0	PWM	None	N/A
(81) PD10	PD10	INT	None	N/A

EasyMx PRO v7 for STM32 ARM with STM32F407VG

SLOT2 GPIO:

<u>Pin</u>	<u>Net name</u>	<u>Slot 2</u>	<u>Switch</u>	<u>Signal</u>
(30) PA5	PA5	AN	None	N/A
(18) PC3	PC3	RST	None	N/A
(61) PD14	PD14	CS	None	N/A
(59) PD12	PD12	PWM	None	N/A
(58) PD11	PD11	INT	None	N/A

SPI3:

<u>Pin</u>	<u>Net name</u>	<u>Slot 1&2</u>	<u>Switch</u>	<u>Signal</u>	<u>Module</u>
(78) PC10	MCU_SCK	SCK	SW13-1	PH_SCK	microSD,
(79) PC11	MCU_MISO	MISO	SW13-2	PH_MISO	VS1053,
(80) PC12	MCU_MOSI	MOSI	SW13-3	PH_MOSI	25P80

I2C1:

<u>Pin</u>	<u>Net name</u>	<u>Slot 1&2</u>	<u>Switch</u>	<u>Signal</u>	<u>Module</u>
(92) PB6	PB6	SCL	SW14-1	EEPROM-SCL	24AA01
(93) PB7	PB7	SDA	SW14-2	EEPROM-SDA	24AA01

CAN1:

<u>Pin</u>	<u>Net name</u>	<u>Slot</u>	<u>Switch</u>	<u>Signal</u>	<u>Module</u>
(82) PD1	PD1	None	SW12-5	TX-CAN	SN65HVD230
(81) PD0	PD0	None	SW12-6	RX-CAN	SN65HVD230