



Galvanic Isolated Part

Software Selectable Pins

Interface	Signal	Pin
EMAC	EMAC_MDC_out	Any GPIO
	EMAC_MDI_in	
	EMAC_MDO_out	
	EMAC_CRS_out	
I2C	I2CEXT0_SCL_in	Any GPIO
	I2CEXT0_SDA_in	
	I2CEXT1_SCL_in	
	I2CEXT1_SDA_in	
	I2CEXT0_SCL_out	
	I2CEXT1_SDA_out	
General Purpose SPI	HSPICLK_in/out	Any GPIO
	HSPID_in/out	
	HSPICLK_in/out	
	HSPICLK_in/out	
	VSPICLK_in/out	
	VSPICLK_in/out	

Internal Bootstrapping Resistors

Pin	Default	3.3V	1.8V
GPIO12/MTDI	Pull-Down	0	1
GPIO0	Pull-Up	0	0
GPIO2	Pull-Down	0	0
GPIO4	Pull-Down	0	0
MTDO/GPIO15	Pull-Up	1	0
GPIO5	Pull-Up	0	1

Bootstrapping Pins Settings

Pin	Default	Voltage of Internal LBR(VBR_5666)
GPIO15/MTDO	Pull-Up	3.3V
GPIO0	Pull-Up	1.8V

Bootstrapping Pins Settings

Pin	Default	Boot Mode
GPIO15/MTDO	Pull-Up	Download Boot
GPIO0	Pull-Up	Download Boot
GPIO2	Pull-Down	Don't-care

Debugging Log on UOTXD During Booting

Pin	Default	UOTXD Toggling	UOTXD Silent
GPIO15/MTDO	Pull-Up	1	0
GPIO0	Pull-Up	0	0
GPIO2	Pull-Down	0	1
GPIO4	Pull-Down	0	1
GPIO5	Pull-Up	0	1

