Energia

StellarPad with LM4F120H5QR

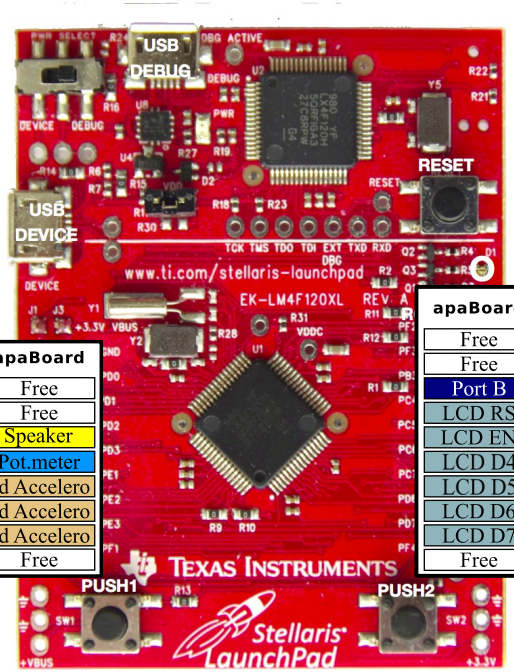
Revision 1

Flash	256	KB
Serial	hardware	

Hardware
Pin number
Other pin number

I²C
Serial UART
SPI

analogRead()
digitalRead() and digitalWrite()
digitalRead(), digitalWrite() and analogWrite()



apaBoard					J1	J3					
Port B	CS (2)		+3.3V		1	21		VBUS			
Port B	RX (1)		A11	PB_5	2	22		GND			
Port B	TX (1)			PB_0	3	23	PD_0	A7	SCL (3)	SCK (3)	
CapTouch	RX (5)	SCL (2)	A9	PB_1	4	24	PD_1	A6	SDA (3)	CS (3)	
CapTouch	TX (5)	SDA (2)	A8	PE_4	5	25	PD_2	A5		MISO (3)	
Port B	SCK (2)		A10	PE_5	6	26	PD_3	A4		MOSI (3)	
sd card	MOSI (0)			PB_4	7	27	PE_1	A2		TX (7)	
I2C eeprom		SCL (1)		PA_5	8	28	PE_2	A1			
I2C eeprom		SDA (1)		PA_6	9	29	PE_3	A0			
				PA_7	10	30	PF_1	RED_LED		MOSI (1)	
								GND			
								GND			
								VBUS			

apaBoard
Free
Free
Speaker
Pot.meter
3d Accelero
3d Accelero
3d Accelero
Free

apaBoard
Free
Free
Port B
LCD RS
LCD EN
LCD D4
LCD D5
LCD D6
LCD D7
Free

												apaBoard
SCK (1)		BLUE_LED	PF_2	40	20		GROUND					Port B
CS (1)		GREEN_LED	PF_3	39	19	PB_2		SCL (0)				MIC
	SDA (0)		PB_3	38	18	PE_0	A3		RX (7)			Free
RX (1)			PC_4	37	17	PF_0	PUSH2		MISO (1)			RST
TX (1)			PC_5	36	16		RESET					Port B
RX (3)			PC_6	35	15	PB_7			MOSI (2)			Port B
TX (3)			PC_7	34	14	PB_6			MISO (2)			sd card
RX (2)			PD_6	33	13	PA_4			MISO (0)			sd card
TX (2)			PD_7	32	12	PA_3			CS (0)			sd card
		PUSH1	PF_4	31	11	PA_2			SCK (0)			
		GND				PA_0			RX (0)			
		GND				PA_1			TX (0)			
		+3.3V				PD_4			RX (6)			
						PD_5			TX (6)			

Rei Vilo, 2012-2013
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apaBoard0.4 pinmap