

Nokia1202 LCD BoosterPack v4-5					
Name	Pin #	Type	PxDIR	PxREN	PxOUT
GND	20	Power	x	x	x
RST	16	Out	set	clear	x
P1.4	6	Out	set	clear	x
MOSI	15	Out	set	clear	x
SCLK	7	Out	set	clear	x
VCC	1	Power	x	x	x
S1	9	In	clear	set	set
S2	10	In	clear	set	set
S3	20	In	clear	set	set
S4	19	In	clear	set	set

SPI Subsystem

Decode		
Symbolic Constant	Hex	Function
#STE2007_RESET	E2	Internal Reset
#STE2007_DISPLAYALPOINTSOFF	A4	Turns LCD to normal display
#STE2007_POWERCONTROL	28	Turns select power control functions on
#STE2007_POWERCTRL_ALL_ON	2F	Turns all of the power control on
#STE2007_DISPLAYNORMAL	A6	Turns the display to normal (not reverse)
#STE2007_DISPLAYON	AF	Turn the display on

ID	Bit	Function as set in the code
UCCKPH	7	Data is captured on clock edge
UCMSB	5	Start from MSB
UCMST	3	Master Mode
UCSYNC	0	Synchronous
UCSSEL_2	7-6	Select to use SMCLK
UCSWRST	0	Software Reset Disabled

Configure MSP430

Mystery Label	Register
A	P1OUT
B	P1DIR
C	P2OUT
D	P2DIR