

```
MOVS      R1, #1
LDR.W     R0, =0x40059000 ; GPIO Port B
LDR.W     R2, =0x1000020
LDR       R2, [R2]
LDR       R2, [R2, #0x2C]
BLX       R2              ; ROM_GPIOPinRead
                          ; Reads the values present
                          ; of the specified pin(s).
```