Hi Peter,

Very well explained, that makes sense to me, Thanks.

The other question I still have concerning the ADC of the MSP430FR5962.

Table 5-25 in the datasheet (SLASE54C) list the ADC12_B linearity parameters. It notes: over recommended ranges of supply voltage and operating free-air temperature (unless otherwise noted).

Does this mean that the ADC12_B linearity parameters apply from AVCC 1.8V min, because nothing else is otherwise noted?

(snapshot recommended operating conditions from datasheet below)

5.3 Recommended Operating Conditions

TYP data are based on V_{CC} = 3.0 V and T_A = 25°C, unless otherwise noted

		MIN	NOM	MAX	UNIT
V_{CC}	Supply voltage range applied at all DVCC and AVCC pins(1) (2) (3)	1.8(4)		3.6	V

Reason for asking is because other MCUs from the MSP430FR family (e.g. MSP430FR2476) are specified from AVCC 2.4V min. concerning this linearity matter.

Thanks for your help,

Patrick