Cypress Semiconductor Meeting

1/21/2014

Eric ? Westmark Sales

Dave Durrin Cypress Apps Engineer

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Westmark expresses interest in our project. And to contact them for samples of anything we need. (That they can supply).

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USB only available on the PSoC3 and PSoC5

PSoC4 has no USB capabilities at this time

Cannot use PLD sections of chip for USB communication

Will have a “C” release of the PSoC4 with USB later this year

PSoC4 could be used with an additional UART to USB or I2C to USB chip

Could use this two chip solution for prototype and then upgrade to single chip when new PSoC4 released.

PSoC1 has USB but low input resolution on the ADC (0-1V)

Worry of part obsolescence

PSoC3 and PSoC5 have programmable gain amplifiers (PGAs)

PSoC4 Can perform similar functionality with MUXs and external resistors.

PSoC5 Has both current and voltage ADCs

Would cover a lot of sensor topologies

PSoc4 Does not have EProm but emulates EProm with unused flash.