

## **Small soft core uP Inventory**

Only cores in the "usable" category included  
These results probably do not generalize to larger designs and/or designs with high utilization

averages 1.44 1.03 1.04 1.56 1.59 1.00 0.47 0.68 1.28 0.47 0.63 1.00

## LUT ratio summaries

S-3	1.44	average Xilinx 4LUTs per ALUT
S-6 & K-7	1.03	average Xilinx 6LUTs per ALUT
C-2 & C-4	1.58	average Altera 4LUTs per ALUT

## Fmax ratio summaries

S-3	0.47	average Spartan-3 Fmax to Arria Fmax
S-6	0.68	average Spartan-6 Fmax to Arria Fmax
K-7	1.28	average Kintex-7 Fmax to Arria Fmax
C-2	0.47	average Cyclone-2 Fmax to Arria Fmax
C-4	0.63	average Cyclone-4 Fmax to Arria Fmax

\* e.g., an average value normalized to Arria results

<sup>\*\*</sup> e.g., a indication of variation in Arria numbers across all designs