30000 25000 ram memory (B) 20000 rom 15000 10000 5000 0 200 400 600 800 1000 1200 1400 0.0006 80.0 0.07 0.0005 power (W) 0.06 0.0004 0.05 avg_pwr energy 0.0003 0.04 max pwr 0.03 0.0002 0.02 0.0001 0.01 ____0.0000 1400 0.00 Throughput (Cycles/byte 200 400 600 800 1000 1200 60000 50000 40000 30000 20000 10000 0 200 1400 400 600 800 1000 1200 0 length (M+AD)

crypto aead/ascon128av12/ref