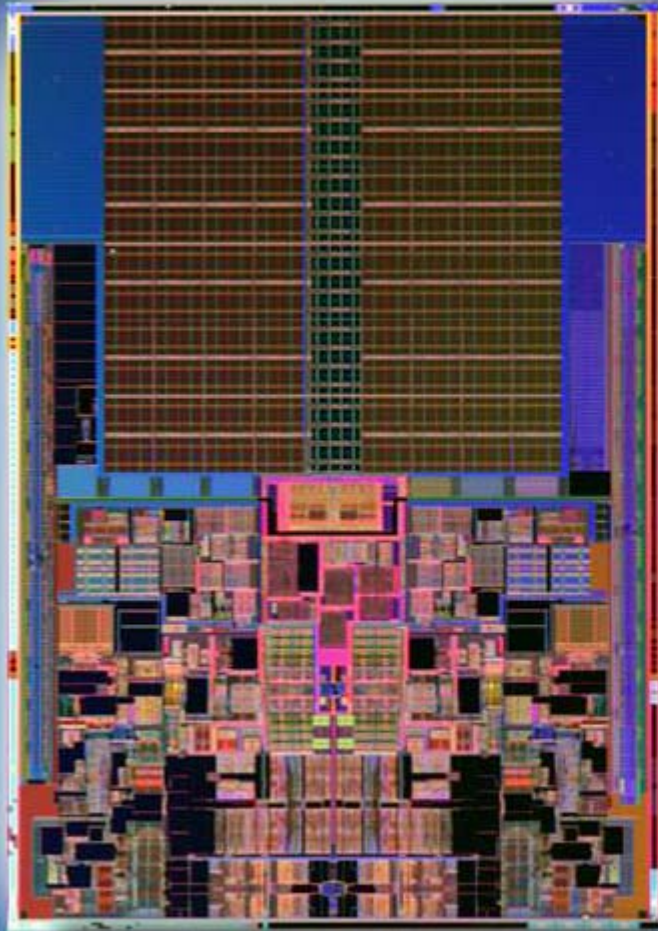


# 45nm Next Generation Intel® Core™ 2 Family processors (Penryn)



Built Upon Enhanced Intel Core  
Microarchitecture

Greater Performance at Given Frequency  
AND Higher Frequencies

Introduces New SSE4 Instructions For  
Media/Gaming/Graphics

New Levels of Energy Efficiency

Larger Caches, Faster Buses

**Growing Performance and Energy Efficiency**