

Apple processor APL0698

Name: A7



Semiconductor technology:
28 nm HKMG

Die size:
102 mm²

Transistors:
1 billion

CPU ISA:
ARMv8-A

CPU:
1,3 GHz
Dual core
Cyclone

CPU cache:
L1i: 64 KB
L1d: 64 KB
L2: 1 MB
L3: 4 MB

GPU:
PowerVR G6430
quad-core @ 450 MHz 115,2 GFLOPS

Memory technology:
64-bit Single-channel
800 MHz
LPDDR3-1600
(12,8 GB/sec)

Introduced:
September 2013

Utilizing devices:
iPhone 5S

iPad Mini 2
iPad Mini 3