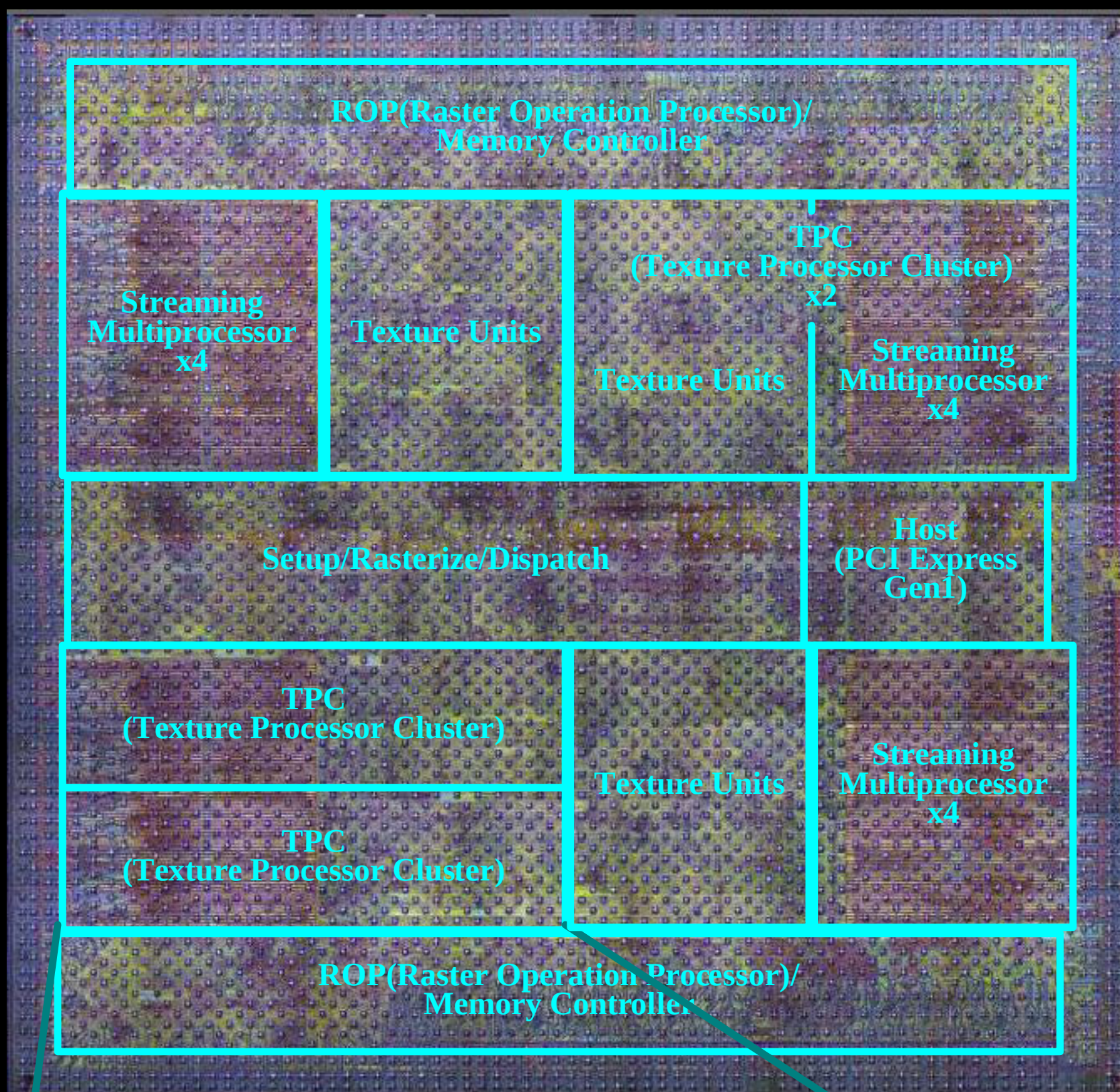


G80(GeForce 8800) Die Layout (一部推定)

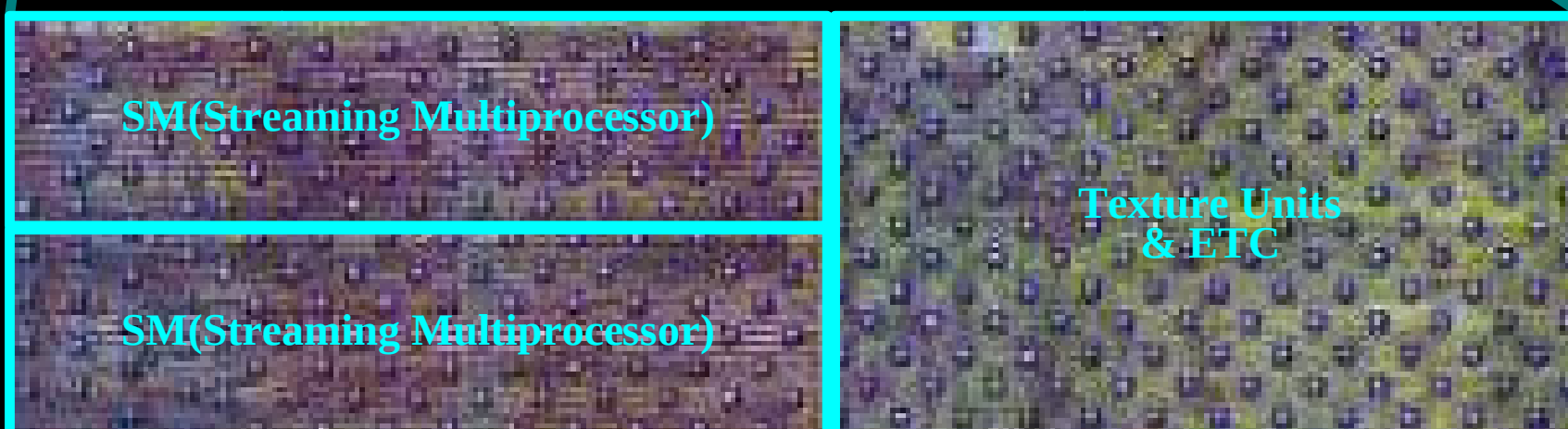


681 Million transistors
TSMC 90nm Process
>1.5GHz
470 mm2 Die

8 TPC (Texture Processor Cluster)
16 SM(Streaming Multiprocessor)
128 SP(Streaming Processor)
24 ROP (Raster Operation Processor)
384bits GDDR3 Memory Interface
PCI Express Gen1 x16

GeForce 8800 Ultra
1.5GHz
576GFLOPS
2.16Gtps GDDR3
104GB/sec Memory Bandwidth
150W TDP at 1.3V.

TPC (Texture Processor Cluster)



2 SM(Streaming Multiprocessor)
16 SP(Streaming Processor)
8 Texture Unit
Load/Store Unit
Texture L1 Cache
Instruction & Constant L2 Cache