























Learn what is going on	
 NONHALT_TICKS 	Num, of ticks that CPU is in non-halt state
INSTRCTN_RTD	Num, of retired instructions
UOPS_RETIRED	Num, of retired micro-ops
L1_MISS_RTD	Num, of L1 cache misses due to retired accesses
 L2_MISS_RTD 	Num, of L2 cache misses due to retired accesses
 L2_MISS 	Num. of L2 cache misses
 L2_REFERENCE 	Num, of L2 cache references
 DTLB_MISS_RTD 	Num, of data TLB misses due to retired accesses
 PGWKMISS_DTLB 	Num, of page walks that page miss handler performs due to data TLB misses
 DELIVER_MODE 	Num, of cycles in trace cache deliver/build modes
 TRACECACHE_MS 	Num, of trace cache lookup misses
 PGWKMISS_ITLB 	Num. of page walks that page miss handler performs due to instruction TLB misses
 FSB_DATAREADY 	Num, of Data Ready and Data Busy events that occur on the front side bus
 BUSACCES_CHIP 	Num, of transactions on the bus issued by chip
 BUSACCES_ALL 	Num, of transactions on the bus (may be issued by chip or DMA)
 MACH_CL_COUNT 	Num. of entire pipeline being cleared
 X87_FP_UOP 	Num. of X87 float point micro-ops
 MEM_CANCEL 	Num, of canceled requests in the Data Cache Address Control Unit
 UOPQ_W 	Num, of valid micro-ops written to the micro-op queue
 RES_STALL 	Num, of stalls in the Allocator
 MISPRED_BRANCH 	Num, of mis-predicted branches
 RTD_MISPRED_BRANCH 	Num, of retired mis-predicted branches
 BRANCH 	Num, of branches
5/21/26119_EVENT	Num. of load stores 8/4580 Spring 2011 13



