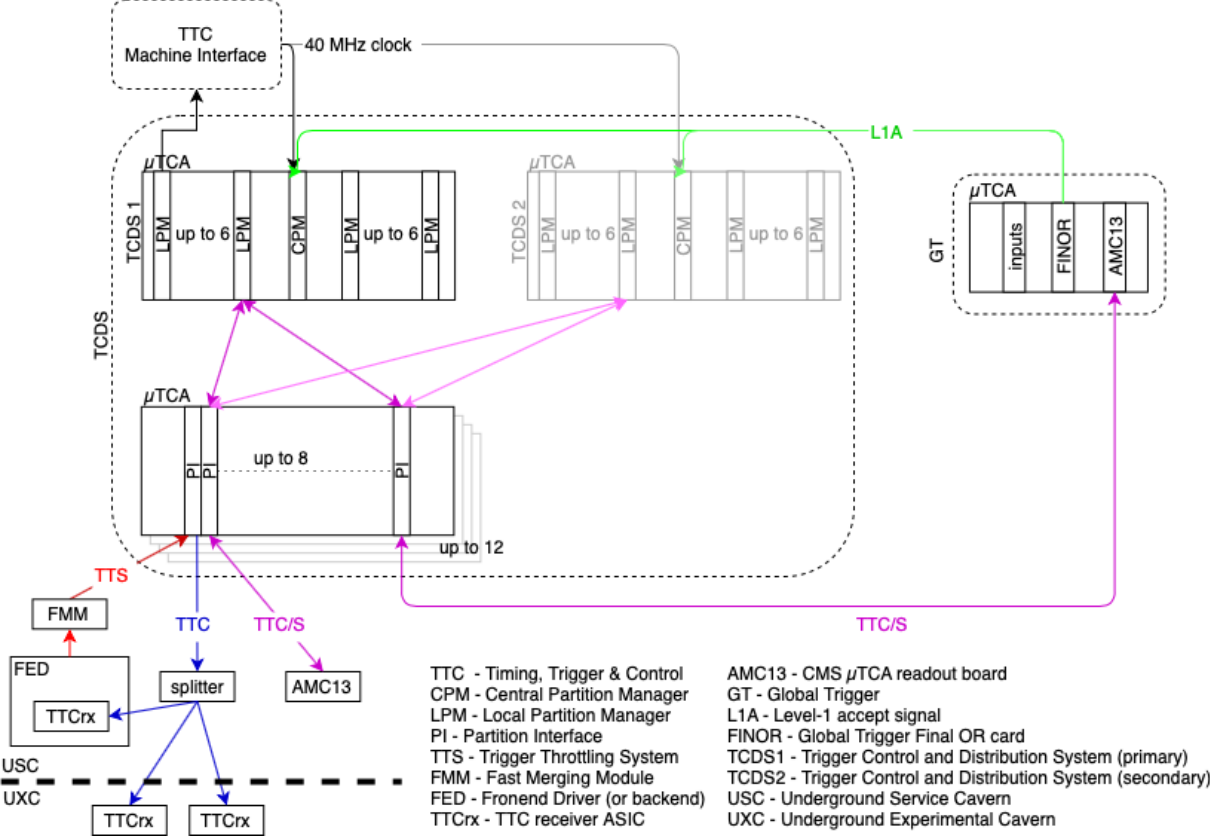
TTC
Machine Interface
40 MHz clock
L1A
μTCA
TCDS 1
LPM
up to 6
LPM
CPM
LPM
up to 6
LPM
μTCA
TCDS 2
LPM
up to 6
LPM
CPM
LPM
up to 6
LPM
μTCA
GT
inputs
FINOR
AMC13
TCDS
μTCA
PI
PI
up to 8
PI
up to 12
TTS
FMM
TTC
TTC/S
TTC/S
FED
TTCrx
splitter
AMC13
USC
UXC
TTCrx
TTCrx
TTC - Timing, Trigger & Control
CPM - Central Partition Manager
LPM - Local Partition Manager
PI - Partition Interface
TTS - Trigger Throttling System
FMM - Fast Merging Module
FED - Fronend Driver (or backend)
TTCrx - TTC receiver ASIC
AMC13 - CMS μTCA readout board
GT - Global Trigger
L1A - Level-1 accept signal
FINOR - Global Trigger Final OR card
TCDS1 - Trigger Control and Distribution System (primary)
TCDS2 - Trigger Control and Distribution System (secondary)
USC - Underground Service Cavern
UXC - Underground Experimental Cavern