

40 MHz pipeline

Calorimeter Trigger

$|\eta| < 3$

ECAL
Trigger
Primitives

$0 < |\eta| < 5$

HCAL/HF
Trigger
Primitives

Regional
Calorimeter
Trigger

Stage-1
Calo
Trigger

Global
Calo
Trigger

MIP+
ISO bits

$e, J, E_T, H_T, E_T^{\text{miss}}$

Global Trigger

L1A

TCDS System

32 partitions

Detector Frontend

Muon Trigger

$|\eta| < 1.6$

RPC hits

Link
system

Pattern
Comparator

$0.9 < |\eta| < 2.4$

CSC hits

Segment
finder

Track
finder

$|\eta| < 1.2$

DT hits

Segment
finder

Track
finder

$4+4 \mu$

4μ

4μ

Global Muon Trigger

4μ

D
A
Q

DAC

CMS
experiment

Status

Status

