Figure 6 TC3 Structure chart

Operating mode

Timing counter 1 There are six different modes, including normal mode (Normal), Cleared on compare match (CTC) Mode, fast pulse width modulation (FPWM) Mode, a phase correction pulse width modulation (PCPWM) Mode, a phase correction pulse width modulation frequency (PFCPWM) Mode, and input capture (ICP)mode. Mode control bit is generated by the waveform

WGM3 [3: 0] To choose. This is described in detail below six modes. Since there are three separate output of the comparison unit, respectively

"A" , "B" with "C" Represented by lowercase "X" To represent the two channel outputs the comparison unit.