



Module Name	Module features
SWD	Debug module, debugging and ISP Features
LGT8X	8Bit high performance RISC Kernel
E2PCTL	FLASH Data Access Interface Controller
PMU	Power management module
PORTB/C/D/E/F	General-purpose programmable input and output ports
DSC	16 Digit arithmetic acceleration unit
ADC	8 Channel 12 Bit ADC with programmable gain
DAP	Differential amplifier
IVREF	1.024V / 2.048V / 4.096V Internal Reference
ACO/1	Analog comparator
TMRO/ 1/2/3	8/16 Bit timer / counter, PWM Controller
WDT	Reset Watchdog module
SPIM/S	Master-slave SPI Controller
TWIM/S	Master-Slave two-wire interface controller, compatible I2C protocol
USART	Synchronous / Asynchronous Serial Transceiver
DAC	8 Bit DAC