

RTC SELECTOR GUIDE

EVK and samples available

RTC Portfolio	PCF8563	PCF85063A/B	PCF85263	PCF85363	PCF8523	PCF2123	PCF2127	PCF2129	PCA21125	PCF2131
Time	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Alarm	✓	✓	✓ 2x	✓ 2x	✓	✓	✓	✓	✓	✓
Timer/ Watch dog	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Interrupt	✓	✓	✓ 2x	✓ 2x	✓ 2x	✓	✓	✓	✓	✓
Stop Watch			✓	✓						
Time stamp			✓ 3x	✓ 3x			✓	✓		✓ 4x
Time stamp/ Tamper input			✓	✓			✓	✓		✓ 4x
Battery backup			✓	✓	✓		✓	✓		✓
Tuning register		✓	✓	✓	✓	✓	✓	✓		✓
Temperature compensation							✓	✓		✓
Factory calibration							✓	✓		✓
Quartz crystal							✓	✓		✓
RAM integrated				✓			✓			
High Temperature	PCA8565	PCA85063							✓	
AEC-Q100 Automotive	PCA8565	PCA85063 PCA85073						PCA2129	✓	PCA2131
Interface	I2C 125°C	I2C SPI 105°C	I2C SPI	I2C SPI	I2C SPI	I2C	SPI	I2C SPI	I2C SPI	I2C SPI 85°C
									I2C SPI 125°C	I2C SPI 105°C