**Total 30**

**CALCULATE CHECKSUM FUNCTION**

* calculateFCS

**GET TARGET LIST FUNCTION (2)**

* getTargetList16
* getTargetList32
* sendTargetListRequest
* receiveTargetListResponse
* decodeTargetFrame

**MIN MAX FUNCTIONS (12)**

* iSYS\_setOutputRangeMin
* iSYS\_setOutputRangeMax
* iSYS\_setOutputVelocityMin
* iSYS\_setOutputVelocityMax
* iSYS\_setOutputSignalMin
* iSYS\_setOutputSignalMax
* iSYS\_getOutputRangeMin
* iSYS\_getOutputRangeMax
* iSYS\_getOutputVelocityMin
* iSYS\_getOutputVelocityMax
* iSYS\_getOutputSignalMin
* iSYS\_getOutputSignalMax

**EEPROM COMMAND FUNCTIONS(4)**

* setFactorySettings
* saveSensorSettings
* saveApplicationSettings
* saveAllSettings
* sendEEPROMCommand
* sendEEPROMCommandFrame
* receiveEEPROMAcknowledgement

**DEVICE ADDRESS FUNCTIONS (2)**

* iSYS\_setDeviceAddress
* iSYS\_getDeviceAddress

**START/ STOP ACQUISITION (2)**

* iSYS\_startAcquisition
* iSYS\_stopAcquisition
* sendAcquisitionCommand
* receiveAcquisitionAcknowledgement

**OUTPUT SINGLE TARGET FILTER FUNCTIONS(4)**

* iSYS\_setOutputFilter
* iSYS\_getOutputFilter
* iSYS\_setOutputSignalFilter
* iSYS\_getOutputSignalFilter

**OUTPUT VELOCITY DIRECTION FUNCTIONS(2)**

* iSYS\_setOutputDirection
* iSYS\_getOutputDirection

**THRESHOLD MINIMUM FUNCTIONS(2)**

* iSYS\_setThresholdMin
* iSYS\_getThresholdMin