

# PIC32CMLS60 TrustFLEX XML Generator

## PIC32CMLS60 Package:

☒ I2C

☐ SWI

Click on table rows for more info.

Slot Number	Slot Use-case	Description	Slot Property
Slot 0	Primary private key	Primary authentication key	Permanent, Ext Sign, ECDH
Slot 1	Internal sign private key	Private key that can only be used to attest internal keys and state of the device. Can't be used to sign arbitrary messages.	Permanent, Int Sign
Slot 2	Secondary private key 1	Secondary private key for other uses	Updatable, Ext Sign, ECDH, Lockable
Slot 3	Secondary private key 2	Secondary private key for other uses	Updatable, Ext Sign, ECDH, Lockable
Slot 4	Secondary private key 3	Secondary private key for other uses	Updatable, Ext Sign, ECDH, Lockable
Slot 5	Secret key	Storage for a secret key	No read, Encrypted write(6), Lockable, AES key
Slot 6	IO protection key	Key used to protect the I2C bus communication (IO) of certain commands. Requires setup before use.	No read, Clear write, Lockable
Slot 7	Secure Boot digest	Storage location for Secure Boot digest. This is an internal function, so no reads or writes are enabled.	No read, No write
Slot 8	General data	General public data storage (416 bytes)	Clear read, Always write, Lockable
Slot 9	AES key	Intermediate key storage for ECDH and KDF output	No read, Always write, AES key
Slot 10	Device compressed certificate	Certificate primary public key in the Crypto Authentication compressed format	Clear read, No write
Slot 11	Signer public key	Public key for the CA (signer) that signed the device cert	Clear read, No write
Slot 12	Signer compressed certificate	Certificate for the CA (signer) certificate for the device certificate in the CryptoAuthentication compressed format	Clear read, No write