Common Commands to all ICE Slave Boards

This following commands are common to all slave boards:

EnumDev

Description

Arguments:

```
No Arguments Taken
```

Example:

```
EnumDev
0 1 1 1 25
```

I$_2$C Command Number: 0

Enumerate device. Returns the device type ID, feature set, command set revision, number of supported commands and an internal number. In general, this command is only used internally by the Master board. <html></div></html>

Reset

Description

Arguments:

```
[Int] SYSTEM
```

Example:

```
Reset 1
Success
```

I$_2$C Command Number: 2

Resets the ICE board to initial power on conditions. If SYSTEM is 0, resets to the saved EEPROM settings. If SYSTEM is 1, resets to factory default settings. <html></div></html>

Status

Description

Arguments:

```
No Arguments Taken
```

Example:

```
Status
Busy
```

I₂C Command Number: 5

Returns the status (Ready, Busy) of the ICE board. <html></div></html>

Abort

Description

Arguments:

```
No Arguments Taken
```

Example:

```
Abort
```

I₂C Command Number: 6

Tells ICE board to abort the long-running command it is currently executing. <html></div></html>

ReadBlk

Description

Arguments:

```
[Int] BLOCK
```

Example:

```
ReadBlk 5
0x34 0x7A 0x2D 0xB4
0x83 0x1D 0xAE 0x29
```

I₂C Command Number: 8

Reads the specified data block from the ICE board data buffer. Returns 8 bytes starting at BLOCK address. See individua ICE board for structure of the data. <html></div></html>

Save

Description

Arguments:

```
No Arguments Taken
```

Example:

```
Save
Success
```

I₂C Command Number: 10

Saves the board's current settings into EEPROM. Unsaved changes will be lost when the board is powered off. Returns SUCCESS or FAIL. <html></div></html>

Version

Description

Arguments:

```
No Arguments Taken
```

Example:

```
Version
6 1 5 2 5 1 56 76
```

I₂C Command Number: 13

Returns various versions of the board (hardware, firmware) and serial number in raw form. Use the Master's #Version BoardNumber command to return this information with nicer formatting. <html></div></html>