








### NextMove - General symbols

The default setting for the main LED display ([LED](#) mode -1) causes the node ID to be displayed:

Symbol	Description
0	Node = 0 (See also <a href="#">servo loop overrun</a> )
1	Node = 1
2	Node = 2
3	Node = 3
4	Node = 4
5	Node = 5
6	Node = 6
7	Node = 7
8	Node = 8
9	Node = 9
10	Node = 10
11	Node = 11
12	Node = 12
13	Node = 13
14	Node = 14
15	Node = 15
16	Node ID is greater than 15
0.	(Flashing 0 with static decimal point). A servo loop overrun error has occurred. See <a href="#">MISCERROR</a> or <a href="#">Controller warnings</a> .
1.	Initialization error. An initialization error has occurred at power on. See <a href="#">Error Log</a> or <a href="#">INITERROR</a> .

### NextMove - Axis specific symbols

It is possible to select a specific axis to monitor using the [LED](#) keyword. When an axis has been selected in this way, the following symbols can appear and refer only to the selected axis. (On NextMoveBX", the selected axis is indicated by one of the four axis LEDs flashing green.)

Symbol	Description
	Spline. A spline move is being performed. See <b>SPLINE</b> and associated keywords.
	Axis enabled. The axis is enabled.
	Torque mode. The drive is in Torque mode. See <a href="#">TORQUE</a> , <a href="#">TORQUEREFSOURCE</a> and related commands.
	Hold to Analog. The axis is in Hold To Analog mode. See <a href="#">HTA</a> and associated keywords.
	Follow and offset. When an axis is following a demand signal it may be necessary to advance or retard the slave in relation to the master. To do this an offset move is performed in parallel with the follow. See <a href="#">FOLLOW</a> and <a href="#">OFFSET</a> .
	Circle. A circle move is being performed. See <a href="#">CIRCLEA</a> or <a href="#">CIRCLER</a> .
	Cam. A cam profile is being profiled. See <a href="#">CAM</a> .

	General error. See <a href="#">AXISERROR</a> and <a href="#">DRIVEERROR</a> . The motion toolbar will display the current status of <a href="#">AXISERROR</a> , which is a bit pattern of all latched errors. See also <a href="#">Error Log</a> .
	Error input. The <a href="#">ERRORINPUT</a> has been activated and generated an error.
	Flying shear. A flying shear is being profiled. See <a href="#">FLY</a> .
	Position following error. A following error has occurred. See <a href="#">AXISERROR</a> and associated keywords. Following errors could be caused by a badly tuned drive/motor. At higher acceleration and deceleration rates, the following error will typically be greater. Ensure that the drive/motor is adequately tuned to cope with these acceleration rates. The following error limit can be adjusted to suit your application (see <a href="#">FOLERRORFATAL</a> and <a href="#">VELFATAL</a> ). Following error could also be the cause of encoder/resolver loss (see <a href="#">FEEDBACKFAULTENABLE</a> ).
	Follow mode. The axis is in Follow mode. See <a href="#">FOLLOW</a> .
	Homing. The axis is currently Homing. See <a href="#">HOME</a> .
	Incremental move. An incremental move is being profiled. See <a href="#">INCA</a> and <a href="#">INCR</a> .
	Jog. The axis is Jogging. See <a href="#">JOG</a> and <a href="#">JOGCOMMAND</a> or <a href="#">Jog tool</a> .
	Offset move. The drive is performing an offset move.
	Positional Move. The axis is performing a linear move. See <a href="#">MOVEA</a> and <a href="#">MOVER</a> .
	Stop. A <a href="#">STOP</a> command has been issued or the stop input is active.
	Axis disabled. The axis must be enabled before operation can continue. See the installation manual supplied with your product. Click the Drive enable button.
	Suspend. The <a href="#">SUSPEND</a> command has been issued and is active. Motion will be ramped to zero demand whilst active.
	Reverse software or hardware limit. A reverse software limit has been activated. See <a href="#">AXISERROR</a> and/or <a href="#">AXISSTATUS</a> to determine which applies.
	Forward software or hardware limit. A forward software limit has been activated. See <a href="#">AXISERROR</a> and/or <a href="#">AXISSTATUS</a> to determine which applies.
	Firmware being updated (horizontal bars appear sequentially). New firmware is being downloaded to the controller.
	Initialization error. An initialization error has occurred at power on. See <a href="#">Error Log</a> or <a href="#">INITERROR</a> . Initialization errors should not normally occur.