

Mint^{MT} Multi-Tasking Application Note**AN00152-001 – Using the RoHS compliant NextMove PCI-2****Related Applications or Terminology**

- **NextMove motion controllers**

Referenced Controllers**NextMove PCI-2** **Definitions:**

MEX – Mint executable
TF – Target Format

What is RoHS?

The RoHS Directive stands for "the restriction of the use of certain hazardous substances in electrical and electronic equipment". This Directive bans the placing on the EU market of new electrical and electronic equipment containing more than agreed levels of lead, cadmium, mercury, hexavalent chromium, polybrominated biphenyl (PBB) and polybrominated diphenyl ether (PBDE) flame retardants.

The RoHS Directive does not currently apply to medical devices, monitoring and control instruments, large-scale stationary industrial tools, spare parts for the repair or reuse of electrical and electronic equipment placed on the market before July 1, 2006, equipment relating to protection of essential interests of state security, weapons, ammunition and military equipment designed for specifically military purposes, power generation, or to other exempted applications, generally for technical reliability or safety reasons.

For this reason Baldor Products are exempt from European Legislation as the majority of applications are covered under the exemptions. However, it is our policy, where possible and following rigorous testing and strict process controls, to produce RoHS compliant products.

Hardware changes on the new RoHS compliant NextMove PCI-2

There are no functional changes on the new RoHS compliant card. The new cards are marked with a lead free sticker.

Compatibility with existing applications

All existing NextMove PCI-2 firmware is compatible with the new RoHS compliant card.

All versions of Mint WorkBench (from Build 5233) will operate with the new RoHS compliant card.

Existing applications developed with the ActiveX control will be compatible with the new RoHS card.

Are the NextMove PCI-2 breakout units and cables RoHS compliant?

No. The breakout units and cables are not currently RoHS compliant though this may change in the future.

MintTM MT Application Note**Is the NextMove PCI-2 expansion card RoHS compliant?**

No. The axis expansion card is not RoHS compliant and there are no current plans to change this.

Order code changes

The following table shows the order codes for NextMove PCI-2 and the new RoHS revision.

Description	NextMove PCI -2	NextMove PCI -2 RoHS
1 axis controller with PNP outputs	PCI201-501	PCI201-501
1 axis controller with NPN outputs	PCI201-511	PCI201-511
2 axis controller with PNP outputs	PCI201-502	PCI201-502
2 axis controller with NPN outputs	PCI201-512	PCI201-512
3 axis controller with PNP outputs	PCI201-503	PCI201-503
3 axis controller with NPN outputs	PCI201-513	PCI201-513
4 axis controller with PNP outputs	PCI201-504	PCI201-504
4 axis controller with NPN outputs	PCI201-514	PCI201-514
8 axis controller with PNP outputs	PCI201-508	PCI201-508
8 axis controller with NPN outputs	PCI201-518	PCI201-518