

Certificate

EtherCAT Conformance Test

Panasonic Corporation, Appliances Company

7-1-1- Morofuku, Daito, 574-0044 Osaka, Japan

EtherCAT Technology Group hereby confirms the above named company that the following family devices are successfully **EtherCAT Conformance Tested**.

Device under Test 1

Product Name: MADHT1105B01
Product Code: 0x51105001
Revision Number: 0x10000

Device under Test 2

Product Name: MBDHT2510B01
Product Code: 0x52510001
Revision Number: 0x10000

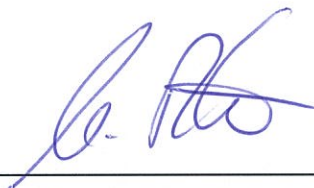
Device family is listed on one following page.

Assigned Vendor ID: 0x6FF
Test Report Number: 0x6FF_001
EtherCAT Test Center: ASTEM RI, Kyoto, Japan

The following tests were performed:

- EtherCAT Protocol Test (CTT Ver.1.20.80.0)
- Indicator Test
- Labeling Test
- Interoperability Test

Nuremberg, March 18, 2013



Martin Rostan, Executive Director
EtherCAT Technology Group

Certificate

EtherCAT Conformance Test

Device family:

- | | | |
|------------------|------------------|------------------|
| 1. MADHT1105BA1 | 44. MGDHTB4A2B01 | 87. MFDHT5440B91 |
| 2. MADHT1107BA1 | 45. MHDHTC3B4B01 | 88. MFDHTA464B91 |
| 3. MADHT1505BA1 | 46. MHDHTB4A2B01 | 89. MGDHTC3B4B91 |
| 4. MADHT1507BA1 | 47. MADHT1105BL1 | 90. MGDHTB4A2B91 |
| 5. MBDHT2110BA1 | 48. MADHT1107BL1 | 91. MHDHTC3B4B91 |
| 6. MBDHT2510BA1 | 49. MADHT1505BL1 | 92. MHDHTB4A2B91 |
| 7. MCDHT3120BA1 | 50. MADHT1507BL1 | — — |
| 8. MCDHT3520BA1 | 51. MBDHT2110BL1 | |
| 9. MDDHT3530BA1 | 52. MBDHT2510BL1 | |
| 10. MDDHT5540BA1 | 53. MCDHT3120BL1 | |
| 11. MDDHT2407BA1 | 54. MCDHT3520BL1 | |
| 12. MDDHT2412BA1 | 55. MDDHT3530BL1 | |
| 13. MDDHT3420BA1 | 56. MDDHT5540BL1 | |
| 14. MEDHT7364BA1 | 57. MDDHT2407BL1 | |
| 15. MEDHT4430BA1 | 58. MDDHT2412BL1 | |
| 16. MFDHTA390BA1 | 59. MDDHT3420BL1 | |
| 17. MFDHTB3A2BA1 | 60. MEDHT7364BL1 | |
| 18. MFDHT5440BA1 | 61. MEDHT4430BL1 | |
| 19. MFDHTA464BA1 | 62. MFDHTA390BL1 | |
| 20. MGDHTC3B4BA1 | 63. MFDHTB3A2BL1 | |
| 21. MGDHTB4A2BA1 | 64. MFDHT5440BL1 | |
| 22. MHDHTC3B4BA1 | 65. MFDHTA464BL1 | |
| 23. MHDHTB4A2BA1 | 66. MGDHTC3B4BL1 | |
| 24. MADHT1105B01 | 67. MGDHTB4A2BL1 | |
| 25. MADHT1107B01 | 68. MHDHTC3B4BL1 | |
| 26. MADHT1505B01 | 69. MHDHTB4A2BL1 | |
| 27. MADHT1507B01 | 70. MADHT1105B91 | |
| 28. MBDHT2110B01 | 71. MADHT1107B91 | |
| 29. MBDHT2510B01 | 72. MADHT1505B91 | |
| 30. MCDHT3120B01 | 73. MADHT1507B91 | |
| 31. MCDHT3520B01 | 74. MBDHT2110B91 | |
| 32. MDDHT3530B01 | 75. MBDHT2510B91 | |
| 33. MDDHT5540B01 | 76. MCDHT3120B91 | |
| 34. MDDHT2407B01 | 77. MCDHT3520B91 | |
| 35. MDDHT2412B01 | 78. MDDHT3530B91 | |
| 36. MDDHT3420B01 | 79. MDDHT5540B91 | |
| 37. MEDHT7364B01 | 80. MDDHT2407B91 | |
| 38. MEDHT4430B01 | 81. MDDHT2412B91 | |
| 39. MFDHTA390B01 | 82. MDDHT3420B91 | |
| 40. MFDHTB3A2B01 | 83. MEDHT7364B91 | |
| 41. MFDHT5440B01 | 84. MEDHT4430B91 | |
| 42. MFDHTA464B01 | 85. MFDHTA390B91 | |
| 43. MGDHTC3B4B01 | 86. MFDHTB3A2B91 | |

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JAPAN

ETG EtherCAT Conformance Test Certificate

Dear Hiroshi Ozaki,

Congratulations for passing the EtherCAT Conformance Test (Test Number 0x6FF_001).

Enclosed please find the certificate for the tested devices.

We thank you for supporting EtherCAT technology and wish you all the best for you and your company.

Best Regards,



Florian Hammel
EtherCAT Technology Group