

Appendix A: Manufacturer ID codes as assigned by the NMRA

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The following Manufacturer ID codes have been assigned by the NMRA Technical Department. Manufacturers not on this list shall apply to the NMRA Technical Department for the assignment of a unique manufacturer ID. Inactive ID codes have been removed from this list as of 1-Dec-2001, pending reassignment. A column with the ISO 2-Letter Country Code for each manufacturer has been added..

Manufacturer	Binary	Hex	Decimal	Country
X <u>Arnold – Rivarossi</u>	10101101	0xAD	<u>173</u>	DE
Atlas Model Railroad Products	01111111	0x7F	127	US
A-Train Electronics	10001001	0x89	137	US
AuroTrains	10101010	0xAA	170	US/IT
Bachmann Industries	01100101	0x65	101	US
Brawa Modellspielwaren GmbH	10111010	0xBA	186	DE
CML Electronics Limited	00000001	0x01	1	UK
Computer Dialysis France	01101001	0x69	105	FR
Con-com	11001100	0xCC	204	CH
X <u>cT Elektronik</u>	01110101	0x75	<u>117</u>	AT
CVP Products	10000111	0x87	135	US
Dietz Modellbahntechnik	01110011	0x73	115	DE
Digitrax	10000001	0x81	129	US
Doehler & Haas	01100001	0x61	97	DE
ECCO GmbH (Tentative)	01111001	0x79	121	
X <u>Electronic Solutions Ulm GmbH</u>	10010111	0x97	<u>151</u>	DE
Gebr. Fleischmann GmbH & Co.	10011011	0x9B	<u>155</u>	DE
Haber & Koenig Electronics GmbH (HKE)	01101111	0x6F	111	AT
Intelligent Command Control	10000101	0x85	133	US
Kuehn Ing.	10011101	0x9D	157	DE
X <u>Lenz Elektronik GmbH</u>	01100011	0x63	<u>99</u>	DE
LGB (Ernst Paul Lehmann Patentwerk)	10011111	0x9F	159	DE
Massoth Elektronik, GmbH	01111011	0x7B	123	DE
Model Rectifier Corp.	10001111	0x8F	143	US
Nagasue System Design Office	01100111	0x67	103	JP
NCE Corporation (formerly North Coast Engineering)	00001011	0x0B	11	US
Profilok Modellbahntechnik GmbH	01111101	0x7D	125	DE
PSI –Dynatrol	00001110	0x0E	14	US
Public Domain & Do-It-Yourself Decoders	00001101	0x0D	13	-
QS Industries (QSI)	01110001	0x71	113	US
Ramfixx Technologies (Wangrow)	00001111	0x0F	15	CA/US
RealRail Effects	10001011	0x8B	139	US
Rock Junction Controls	10010101	0x95	149	US
X <u>Roco Modellspielwaren</u>	10100001	0xA1	<u>161</u>	AT
Throttle-Up (Soundtraxx)	10001101	0x8D	141	US
Train Control Systems	10011001	0x99	153	US
Trix Modelleisenbahn	10000011	0x83	131	DE
X <u>Uhlenbrock GmbH</u>	01010101	0x55	<u>85</u>	DE
Umelec Ing. Buero	10010011	0x93	147	CH
X <u>Viessmann Modellspielwaren GmbH</u>	01101101	0x6D	<u>109</u>	DE
W. S. Ataras Engineering	01110111	0x77	119	US
Wangrow Electronics	00001100	0x0C	12	US
WP Railshops	10100011	0xA3	163	CA
X <u>Zimo Elektronik</u>	10010001	0x91	<u>145</u>	AT
ZTC	10000100	0x84	132	UK

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