YMC

YMG8K16F18L5BR1

8Kx16 bits Embedded MTP Memory

General Description

The diagonal pattern of **YMG8K16F18L5BR1** IP needs to write different data into 256 addresses, please follow the below table.

Address	data	Address	data	Address	data	Address	data
0000H	FFF0H	0108H	FFF0H	0210H	FFF0H	0318H	FFF0H
0021H	FFF0H	0129H	FFF0H	0231H	FFF0H	0339H	FFF0H
0042H	FFF0H	014AH	FFF0H	0252H	FFF0H	035AH	FFF0H
0063H	FFF0H	016BH	FFF0H	0273H	FFF0H	037BH	FFF0H
0084H	FFF0H	018CH	FFF0H	0294H	FFF0H	039CH	FFF0H
00A5H	FFF0H	01ADH	FFF0H	02B5H	FFF0H	03BDH	FFF0H
00C6H	FFF0H	01CEH	FFF0H	02D6H	FFF0H	03DEH	FFF0H
00E7H	FFF0H	01EFH	FFF0H	02F7H	FFF0H	03FFH	FFF0H

Address	data	Address	data	Address	data	Address	data
0400H	FF0FH	0508H	FF0FH	0610H	FF0FH	0718H	FF0FH
0421H	FF0FH	0529H	FF0FH	0631H	FF0FH	0739H	FF0FH
0442H	FF0FH	054AH	FF0FH	0652H	FF0FH	075AH	FF0FH
0463H	FF0FH	056BH	FF0FH	0673H	FF0FH	077BH	FF0FH
0484H	FF0FH	058CH	FF0FH	0694H	FF0FH	079CH	FF0FH
04A5H	FF0FH	05ADH	FF0FH	06B5H	FF0FH	07BDH	FF0FH
04C6H	FF0FH	05CEH	FF0FH	06D6H	FF0FH	07DEH	FF0FH
04E7H	FF0FH	05EFH	FF0FH	06F7H	FF0FH	07FFH	FF0FH

Address	data	Address	data	Address	data	Address	data
0800H	F0FFH	0908H	F0FFH	0A10H	F0FFH	0B18H	F0FFH
0821H	F0FFH	0929H	F0FFH	0A31H	F0FFH	0B39H	F0FFH
0842H	F0FFH	094AH	F0FFH	0A52H	F0FFH	0B5AH	F0FFH
0863H	F0FFH	096BH	F0FFH	0A73H	F0FFH	0B7BH	F0FFH
0884H	F0FFH	098CH	F0FFH	0A94H	F0FFH	0B9CH	F0FFH
08A5H	F0FFH	09ADH	F0FFH	0AB5H	F0FFH	0BBDH	F0FFH
08C6H	F0FFH	09CEH	F0FFH	0AD6H	F0FFH	0BDEH	F0FFH
08E7H	F0FFH	09EFH	F0FFH	0AF7H	F0FFH	0BFFH	F0FFH

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Address	data	Address	data	Address	data	Address	data
0C00H	0FFFH	0D08H	0FFFH	0E10H	0FFFH	0F18H	0FFFH
0C21H	0FFFH	0D29H	0FFFH	0E31H	0FFFH	0F39H	0FFFH
0C42H	0FFFH	0D4AH	0FFFH	0E52H	0FFFH	0F5AH	0FFFH
0C63H	0FFFH	0D6BH	0FFFH	0E73H	0FFFH	0F7BH	0FFFH
0C84H	0FFFH	0D8CH	0FFFH	0E94H	0FFFH	0F9CH	0FFFH
0CA5H	0FFFH	0DADH	0FFFH	0EB5H	0FFFH	0FBDH	0FFFH
0CC6H	0FFFH	0DCEH	0FFFH	0ED6H	0FFFH	0FDEH	0FFFH
0CE7H	0FFFH	0DEFH	0FFFH	0EF7H	0FFFH	0FFFH	0FFFH

Address	data	Address	data	Address	data	Address	data
1001H	FFF0H	1108H	FFF0H	1210H	FFF0H	1318H	FFF0H
1020H	FFF0H	1129H	FFF0H	1231H	FFF0H	1339H	FFF0H
1042H	FFF0H	114AH	FFF0H	1252H	FFF0H	135AH	FFF0H
1063H	FFF0H	116BH	FFF0H	1273H	FFF0H	137BH	FFF0H
1084H	FFF0H	118CH	FFF0H	1294H	FFF0H	139CH	FFF0H
10A5H	FFF0H	11ADH	FFF0H	12B5H	FFF0H	13BDH	FFF0H
10C6H	FFF0H	11CEH	FFF0H	12D6H	FFF0H	13DEH	FFF0H
10E7H	FFF0H	11EFH	FFF0H	12F7H	FFF0H	13FFH	FFF0H

Address	data	Address	data	Address	data	Address	data
1400H	FF0FH	1508H	FF0FH	1610H	FF0FH	1718H	FF0FH
1421H	FF0FH	1529H	FF0FH	1631H	FF0FH	1739H	FF0FH
1442H	FF0FH	154AH	FF0FH	1652H	FF0FH	175AH	FF0FH
1463H	FF0FH	156BH	FF0FH	1673H	FF0FH	177BH	FF0FH
1484H	FF0FH	158CH	FF0FH	1694H	FF0FH	179CH	FF0FH
14A5H	FF0FH	15ADH	FF0FH	16B5H	FF0FH	17BDH	FF0FH
14C6H	FF0FH	15CEH	FF0FH	16D6H	FF0FH	17DEH	FF0FH
14E7H	FF0FH	15EFH	FF0FH	16F7H	FF0FH	17FFH	FF0FH

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Address	data	Address	data	Address	data	Address	data
1800H	F0FFH	1908H	F0FFH	1A10H	F0FFH	1B18H	F0FFH
1821H	F0FFH	1929H	F0FFH	1A31H	F0FFH	1B39H	F0FFH
1842H	F0FFH	194AH	F0FFH	1A52H	F0FFH	1B5AH	F0FFH
1863H	F0FFH	196BH	F0FFH	1A73H	F0FFH	1B7BH	F0FFH
1884H	F0FFH	198CH	F0FFH	1A94H	F0FFH	1B9CH	F0FFH
18A5H	F0FFH	19ADH	F0FFH	1AB5H	F0FFH	1BBDH	F0FFH
18C6H	F0FFH	19CEH	F0FFH	1AD6H	F0FFH	1BDEH	F0FFH
18E7H	F0FFH	19EFH	F0FFH	1AF7H	F0FFH	1BFFH	F0FFH

Address	data	Address	data	Address	data	Address	data
1C00H	0FFFH	1D08H	0FFFH	1E10H	0FFFH	1F18H	0FFFH
1C21H	0FFFH	1D29H	0FFFH	1E31H	0FFFH	1F39H	0FFFH
1C42H	0FFFH	1D4AH	0FFFH	1E52H	0FFFH	1F5AH	0FFFH
1C63H	0FFFH	1D6BH	0FFFH	1E73H	0FFFH	1F7BH	0FFFH
1C84H	0FFFH	1D8CH	0FFFH	1E94H	0FFFH	1F9CH	0FFFH
1CA5H	0FFFH	1DADH	0FFFH	1EB5H	0FFFH	1FBDH	0FFFH
1CC6H	0FFFH	1DCEH	0FFFH	1ED6H	0FFFH	1FDEH	0FFFH
1CE7H	0FFFH	1DEFH	0FFFH	1EF7H	0FFFH	1FFFH	0FFFH

Update history:

Date	Rev	What	Who
2022/05/03	1.0	Initial draft	TK Chang

Warning

The specification obtained arrives from individual testing result before integration; it has possibility to have the difference because of the mutual disturbing effect after integration. Therefore, the user must precede the full test and verification to conform the function and the reliability after integration. After the confirmation, and does not have any problem, it can enter the pilot run then the production run. YMC will not be responsible for the related responsibility and loss, if the procedure does not pass through the full test and verification.