

Release Note for MBI5026/ 5027/5028/5029

VA.00, March 2005

None

VA.01, March 2005

1. Provide information for "Pb-free & Green" Package
2. Modify the supply current(I_{DD}) in the table of "Electrical Characteristics" (3.3V, 5.0V)

Supply Current	"OFF"	I _{DD} (off) 1	R _{ext} =Open, $\overline{\text{OUT0}} \sim \overline{\text{OUT15}} = \text{Off}$	-	6	6.8	mA
		I _{DD} (off) 2	R _{ext} =720 Ω, $\overline{\text{OUT0}} \sim \overline{\text{OUT15}} = \text{Off}$	-	8.8	9.6	
		I _{DD} (off) 3	R _{ext} =360 Ω, $\overline{\text{OUT0}} \sim \overline{\text{OUT15}} = \text{Off}$	-	12.4	13.2	
	"ON"	I _{DD} (on) 1	R _{ext} =720 Ω, $\overline{\text{OUT0}} \sim \overline{\text{OUT15}} = \text{On}$	-	8.8	10.8	
		I _{DD} (on) 2	R _{ext} =360 Ω, $\overline{\text{OUT0}} \sim \overline{\text{OUT15}} = \text{On}$	-	12.3	15.3	

3. Update product ordering information

VA.02, April 2005

1. Modify V_{IH} from 0.7*V_{DD} to 0.8*V_{DD}.

Characteristic		Symbol	Condition	Min.	Typ.	Max.	Unit
Input Voltage	"H" level	V _{IH}	Ta = -40~85°C	0.8*V _{DD}	-	V _{DD}	V

2. For MBI5029: Modify timing diagram from page 24-25.