



義隆電子股份有限公司

ELAN MICROELECTRONICS CORP.

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# EM78808

**8-BIT MICRO-CONTROLLER**

Version 3.1

ELAN MICROELECTRONICS CORP.

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## Version History

Specification Revision History		
Version	Content	Release Date
<b>EM78808 ICE</b>		
1.0	Initial version	2001/02/09
1.1	Add LCD 24x72 option 2.Change STACK layers from 16 to 32	2001/06/12
1.3	Add Schmitt trigger transition curve for DTMF receiver Remove SPI 32.768kHz spec. 3.Update application circuit	2001/08/08
<b>EM78808</b>		
1.0	Initial version	2001/02/09
1.1	Add LCD 24x72 option Change STACK layers from 16 to 32	2001/06/12
1.2	Update description	2001/07/20
1.3	Add Schmitt trigger transition curve Remove SPI 32.768kHz spec. Update application circuit	2001/08/08
1.4	Update LCD driver ability spec.	2001/08/10
1.5	Update feature description Add test pin and separate analog/digital power Update Fig.4, Fig.1 Update R9 page1 data ROM address Update RE page1 data RAM address from 4k to 8k Update application circuit	2001/08/29
2.0	Add SPI 32.768k clock spec. Add Energy Detector (DED) Add 2.0V ref. circuit to Comparator	2001/09/06
2.1	Add Stack Pointer (ROM less) Update CODE Option Register	2001/11/19
2.2	Add Short Message receiver Update IOCE PAGE2 Update CODE Option Register	2001/11/21
2.5	Update Application Note Update package type	2002/4/25
3.0	Add DED Function Add BAQ and BBQ package	
3.1	Remove Idle mode Add application note item 8	2004/8/1