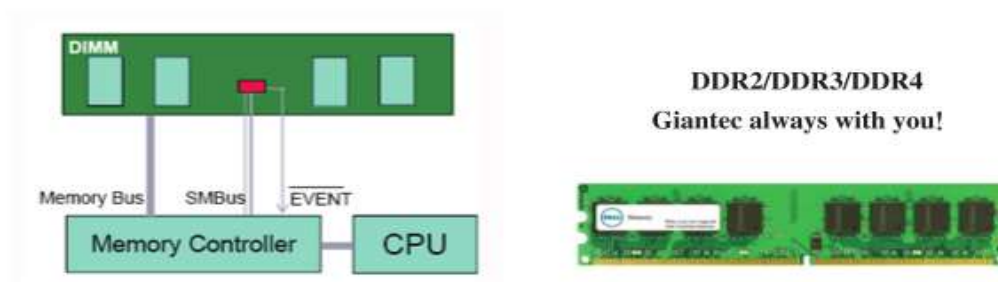


## Giantec Serial Presence Detect EEPROM for DDR2/DDR3/DDR4 Modules

### Application Specific Serial EEPROM (DDR2/DDR3/DDR4)

In order to fulfill the serial presence detect (SPD) function used in high-speed memory modules conforming to the JEDEC specifications, the GT34Cx series (I<sup>2</sup>C serial EEPROM) & GT34TSx series (I<sup>2</sup>C serial EEPROM+ temperature sensor), they can store all configuration parameters of the DRAM module. The set "temporary write protection" and set "permanent write protection" etc. special commands acting as protection of the memory.



Density	Part Number	Vcc	Clock Frequency	Package	Support Module	Product status
2kbit	GT24C02A	1.7-5.5V	400KHz	TSSOP/UDFN	DDR2/DDR3	MP
	GT34C02A	1.7-5.5V	400KHz	TSSOP/UDFN	DDR2/DDR3	M P ,NRND
	GT34C02B	1.7-5.5V	400KHz	TSSOP/UDFN	DDR2/DDR3	MP@201606
	GT34TS02B	2.2-3.6V	400KHz	TSSOP/UDFN	DDR3	MP@201603
4kbit	GT24C04A	1.7-5.5V	400KHz	TSSOP/UDFN	DDR4	MP
	GT34C04	1.7-5.5V	1MHz	TSSOP/UDFN	DDR4	MP
	GT34TS04	2.2-3.6V	1MHz	TSSOP/UDFN	DDR4	M P ,NRND
	GT34TS04A	2.2-3.6V	1MHz	TSSOP/UDFN	DDR4	M P @201606

**Notes:**

- 1.Giantec Parts Passed Intel Certification
- 2.NRND=Not Recommended for New Design



Your relationship with ARCOTEK starts with your needs and not our line card.



**For Data Sheets & Samples Call:**

Rick Kapoor  
 T: 201-828-9808 ext. 221  
[rick.kapoor@arcotek.net](mailto:rick.kapoor@arcotek.net)

**ARCO INC.**

180 Summit Avenue ▪ Montvale, NJ 07645 ▪ USA  
 T: 201.828.9808 ▪ F: 201.828.5955 ▪ [www.arcotek.net](http://www.arcotek.net)

USA

GERMANY

HONG KONG