

AccessionIndex: TCD-SCSS-T.20121208.054  
 Accession Date: 8-Dec-2012  
 Accession By: Prof.J.G.Byrne, Dr.B.A.Coghlan  
 Object name: EISA cards for IBM PC/ATs and compatibles  
 Vintage: c.198x  
 Synopsis: Plugin cards for the IBM PC/AT EISA expansion bus.

**Description:**

The Extended Industry Standard Architecture (EISA) [1] was introduced in 1988 by a consortium of PC clone vendors as a successor to the ISA bus [2]. EISA can accept older IBM PC XT and ISA boards since EISA is a superset of ISA that is extended to 32 bits and allows more than one CPU to share the bus. The bus mastering support is also enhanced to provide access to 4 GB of memory. It was reasonably successful in the server market,[3] as it was better suited to bandwidth-intensive tasks.

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| Accession Index            | Location, Figures | Vintage | Object and Identification |
|----------------------------|-------------------|---------|---------------------------|
| TCD-SCSS-T.20121208.054.01 | Lloyd             | c.198x  | .                         |
| TCD-SCSS-T.20121208.054.02 | Lloyd             | c.198x  |                           |
| TCD-SCSS-T.20121208.054.03 | Lloyd             | c.198x  |                           |
| TCD-SCSS-T.20121208.054.04 | Lloyd             | c.198x  |                           |
| TCD-SCSS-T.20121208.054.05 | Lloyd             | c.198x  |                           |
| TCD-SCSS-T.20121208.054.06 | Lloyd             | c.198x  |                           |
| TCD-SCSS-T.20121208.054.07 | Lloyd             | c.198x  |                           |
| TCD-SCSS-T.20121208.054.08 | Lloyd             | c.198x  |                           |
| TCD-SCSS-T.20121208.054.09 | Lloyd             | c.198x  |                           |
| TCD-SCSS-T.20121208.054.10 | Lloyd             | c.198x  |                           |
|                            |                   |         |                           |

**References:**

1. Wikipedia, *Extended Industry Standard Architecture*, EISA bus, see: [https://en.wikipedia.org/wiki/Extended\\_Industry\\_Standard\\_Architecture](https://en.wikipedia.org/wiki/Extended_Industry_Standard_Architecture)  
 Last browsed to on 25-May-2023.
2. Wikipedia, *Industry Standard Architecture*, ISA bus, see: [https://en.wikipedia.org/wiki/Industry\\_Standard\\_Architecture](https://en.wikipedia.org/wiki/Industry_Standard_Architecture)  
 Last browsed to on 25-May-2023.

*Figure 1: EISA card, top view*  
*TCD-SCSS-T.20121208.054.01*

*Figure 2: EISA card, bottom view*  
*TCD-SCSS-T.20121208.054.01*

*Figure 3: EISA card, side view*  
*TCD-SCSS-T.20121208.054.01*