

Comparing the SS7 Fallback Selector Switch Master and Slave Cards

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Introduction

Although the Signaling System Number 7 (SS7) fallback selector switch master and slave cards appear to be the same, there are distinct differences between them. This document compares these cards.

Note: The label, usually found on the inside of the connector mounting bracket, identifies SS7 fallback selector switch cards as either Master or Slave.

Prerequisites

Requirements

There are no specific requirements for this document.

Components Used

The information in this document is based on these software and hardware versions:

- All SS7 versions.
- Cards located in the fallback switch for VCO-SS7-REDUND or VCO-SS7-REDUND=.

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, make sure that you understand the potential impact of any command.

Conventions

For more information on document conventions, refer to the Cisco Technical Tips Conventions.

Master and Slave Card Comparisons

These sections compare Master and Slave cards according to this criteria:

- component labels
- non–component labels
- card backside
- components and jumpers
- switch settings
- wiring

Component Labels

Master and slave card component labels differ. They are usually found on the inside of the connector mounting bracket.

Master Card	Slave Card
U2 labeled Q970903D_11	U2 labeled KABM_32

Non–component Labels

Master and slave card non–component labels differ. They are usually found on the non–component side of card, near the connectors.

Master Card	Slave Card
Q970903D–1	Q960724d–2

Card Backside

Master and slave card backside labels differ. They are usually found opposite of the A/B/Auto switch S2R on the backside of the card.

Master Card	Slave Card
K–AB–232MSR	K–AB–232SR

Components and Jumpers

Master and slave card component and jumper settings differ. They are usually found on the non–component side of card, near the connectors.

Components	Master Card	Slave Card
JP3	No jumper	Jumpers to Slave
U8	No chips	Chips
C15–C19	No caps	Caps
JP4–JP6	Not populated	Populated
JP16	Populated	Not populated

R24	Not populated	Populated
R4	Populated	Not populated
R5	Populated	Not populated
R22	Populated	Not populated
R23	Populated	Not populated
D8	Populated	Not populated
D6	Populated	Not populated
D11	Populated	Not populated
D12	Populated	Not populated

Switch Settings

Master and slave card switch settings differ.

Master Card	Slave Card
S1 SW1-10 closed	S1 SW1 open SW2-10 closed

Wiring

Master and slave card wiring differs.

Master Card	Slave Card
J8-P J9-1 J10-1	J8-U J9-2 J10-2
J8-U J9-2 J10-2	J9-1 J9-C J10-1
J8-2ndL J13-I2 P1-bottom input #9	J9-C J13-I1

Related Information

- **Voice Technology Support**
- **Voice and Unified Communications Product Support**
- **Recommended Reading: Troubleshooting Cisco IP Telephony**
- **Technical Support – Cisco Systems**

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