



Tech Info Library

Monitor Cables: Pinout Information (8/95)

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TOPIC -----

From time to time, I need pin-out details for various Apple monitor cables. Do you have a chart of this information?

DISCUSSION -----

Here is the pin-out information for various Apple monitor cables. The Apple part number is molded into the connector housing of all Apple monitor cables. For additional information on signal descriptions see the "Guide To The Macintosh Family Hardware" available from APDA and Addison Wesley.

Cable Part #: 590-0161

Used On: Hi-Res Monochrome Monitor, Hi-Res RGB Monitor

Begin_Table

DB-15	Description	DB-15
=====	=====	=====
1	Red Video Gnd	1
2	Red Video	2
3	Comp. sync	3
4	Comp. sync Gnd	4
5	Green Video	5
6	Green Video Gnd	6
7	N/C	7
8	N/C	8
9	Blue Video	9
10	N/C	10
11	N/C	11
12	N/C	12
13	Blue Video Gnd	13
14	N/C	14
15	N/C	15
Shell	Shield Gnd	Shell

Cable Part #: 590-4161

Used on: Hi-Res Monochrome Monitor, Hi-Res RGB Monitor, and future monitors

DB-15	Description	DB-15
=====	=====	=====
1	Red Video Gnd	1
2	Red Video	2
3	Comp. sync	3
4	Sense ID 1	4
5	Green Video	5
6	Green Video Gnd	6
7	Sense ID 2	7
8	N/C	8
9	Blue Video	9
10	Sense ID 3	10
11	Comp. sync Gnd	11
12	N/C	12
13	Blue Video Gnd	13
14	N/C	14
15	N/C	15
Shell	Shield Gnd	Shell

Cable Part #: 590-0615

Used on: Portrait Display, Two-Page Display

DB-15	Description	DB-25
=====	=====	=====
1	H. sync Gnd	14
2	V. sync Gnd	12
3	Sense ID 3	10
4,7,10	Sense ID Gnd	N/C*
5	C. sync	3
6	H. sync	15
7	V. sync	11
8	Sense ID 2	7
9	Sense ID 3	4
10	C. sync Gnd	N/C
A1(in)	Blue Video	9
A1(out)	Blue Video Gnd	13
A2(in)	Green Video	5
A2(out)	Green Video Gnd	6
A3(in)	Red Video	2
A3(out)	Red Video Gnd	1
Shell	Shield Gnd	Shell

* Note that pins 4, 7, 10 are tied together on the DB-15 side

Cable Part #: 590-0574

Used on: Portrait Display, Two-Page Monochrome Display

DB-25	Description	DB-25
=====	=====	=====
A1(in)	Mono Video	A1(in)

A1(out)	Mono Video Gnd	A1(out)
1	H. sync Gnd	1
2	V. sync	2
3	Sense ID 3	3
4	Sense ID Gnd	4
5	C. sync	5
6	H. sync	6
7	V. sync Gnd	7
8	Sense ID 2	8
9	Sense ID 1	9
10	C. sync Gnd	10
Shell	Shield Gnd	Shell

Cable Part #: 590-0562
Used on: Two Page Display

DB-25	Description	DB-25
=====	=====	=====
A1	Mono Video	A1
A2	75• termination	A2
A3	75 termination	A3
1	H. sync Gnd	1
2	V. sync	2
3	Sense ID 3	3
4	Sense ID Gnd	4
5	C. sync	5
6	H. sync	6
7	V. sync Gnd	7
8	Sense ID 2	8
9	Sense ID 1	9
10	C. sync Gnd	10
Shell	Shield Gnd	Shell

Cable Part #: 590-0536
Used On: AppleColor RGB, AppleColor 100 (replaces original cable)

DB-15	Description	DB-15
=====	=====	=====
1	Red Video Gnd	1
2	Red Video	2
3	Comp. sync	3
4	N/C	4
5	Green Video	5
6	Green Video Gnd	6
7	N/C	7
8	N/C	8
9	Blue Video	9
10	XRGB8 (Apple ///)10	
11	N/C	11
12	N/C	12
13	Blue Video Gnd	13

14	N/C	14
15	N/C	15
Shell	Shield Gnd	Shell

End_Table

Article Change History:

14 Aug 1995 - Added formatting for improved viewing on the Internet.
14 Feb 1995 - Reviewed for technical accuracy, revised formatting.

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