

CIRCUIT BOARDS

DM Circuit Board

DM CN1

Pin No.	Pin Name	Wire Color	Destination
1	NC		
2	1L10		PN1-CN5-2
3	1D5		PN1-CN5-3
4	1D4		PN1-CN5-4
5	1D3		PN1-CN5-5
6	1D10		PN1-CN5-6
7	1D2		PN1-CN5-7
8	1D1		PN1-CN5-8

DM CN7

Pin No.	Pin Name	Wire Color	Destination
1	1S2		PN1-CN1-1
2	1S3		PN1-CN1-2
3	1S4		PN1-CN1-3
4	1S5		PN1-CN1-4
5	1S6		PN1-CN1-5
6	1D9		PN1-CN1-6

DM CN12 (HC-4 only)

Pin No.	Pin Name	Wire Color	Destination
1	SCLK		MRE-CN1-1
2	SIO		MRE-CN1-2
3	DIR1		MRE-CN1-3
4	DIC2		MRE-CN1-4
5	MIN		MRE-CN1-5
6	WP		MRE-CN1-6
7	VDD		MRE-CN1-7
8	VSS		MRE-CN1-8
9	VSS		MRE-CN1-9
10	VSS		MRE-CN1-10

DM CN18

Pin No.	Pin Name	Wire Color	Destination
1	+5		PU-CN7-1
2	+5		PU-CN7-2
3	+5		PU-CN7-3
4	VSS		PU-CN7-4
5	VSS		PU-CN7-5
6	VSS		PU-CN7-6
7	+15		PU-CN7-7
8	E		PU-CN7-8
9	-15		PU-CN7-9
10	OUT		PU-CN7-10
11	E		PU-CN7-11
12	E		PU-CN7-12

DM CN2

Pin No.	Pin Name	Wire Color	Destination
1	1S1		PN1-CN6-1
2	1L1		PN1-CN6-2
3	1L2		PN1-CN6-3
4	1L3		PN1-CN6-4
5	1L4		PN1-CN6-5
6	1L5		PN1-CN6-6
7	1L6		PN1-CN6-7
8	1L7		PN1-CN6-8
9	1L8		PN1-CN6-9
10	1L9		PN1-CN6-10

DM CN8

Pin No.	Pin Name	Wire Color	Destination
1	1D4	BR	PK-CN1-1
2	1D5	RE	PK-CN1-2
3	1D6	OR	PK-CN1-3
4	1D7	YE	PK-CN1-4
5	1D8	GR	PK-CN1-5
6	1S6	BE	PK-CN1-6
7	1S5	VI	PK-CN1-7
8	1S4	GY	PK-CN1-8
9	1S3	WH	PK-CN1-9
10	1S2	GG	PK-CN1-10
11	VREF	SB	PK-CN1-11
12	EXP	PK	PK-CN1-12
13	VSS	BL	PK-CN1-13
	Shield cover	BL	Frame Earth

DM CN13 (HC-2 only)

Pin No.	Pin Name	Wire Color	Destination
1	UD1		UK-CN1-1
2	UD2		UK-CN1-2
3	UD3		UK-CN1-3
4	UD4		UK-CN1-4

DM CN19

Pin No.	Pin Name	Wire Color	Destination
1	MO		MVR-CN1-1
2	+15		MVR-CN1-2
3	E		MVR-CN1-3
4	-15		MVR-CN1-4
5	MI		MVR-CN1-5
6	E		MVR-CN1-6

DM CN3 (HC-4 only)

Pin No.	Pin Name	Wire Color	Destination
1	1D7		RP-CN1-1
2	1D8		RP-CN1-2
3	CONF		RP-CN1-3
4	1L2		RP-CN1-4
5	1S1		RP-CN1-5
6	1L1		RP-CN1-6
7	VSS		RP-CN1-7
8	VSS		RP-CN1-8

DM CN9 (HC-2 only)

Pin No.	Pin Name	Wire Color	Destination
1	2S12		LK-CN2-1
2	2S11		LK-CN2-2
3	2S10		LK-CN2-3
4	2S9		LK-CN2-4
5	2S8		LK-CN2-5
6	2S7		LK-CN2-6
7	2S6		LK-CN2-7
8	2S5		LK-CN2-8
9	2S4		LK-CN2-9
10	2S3		LK-CN2-10
11	2S2		LK-CN2-11
12	2S1		LK-CN2-12

DM CN14 (HC-4 only)

Pin No.	Pin Name	Wire Color	Destination
1	VDD		LK-CN1-1
2	DIC1		LK-CN1-2
3	DRL		LK-CN1-3
4	KDL		LK-CN1-4
5	CLK		LK-CN1-5
6	VSS		LK-CN1-6

DM CN20

Pin No.	Pin Name	Wire Color	Destination
1	AUX-OUT		AUX-CN1-1
2	E		AUX-CN1-2
3	E		AUX-CN1-3
4	+15		AUX-CN1-4
5	E		AUX-CN1-5
6	-15		AUX-CN1-6
7	EXP-IN		AUX-CN1-7
8	E		AUX-CN1-8

DM CN4

Pin No.	Pin Name	Wire Color	Destination
1	2S1		PN1-CN2-1
2	2S2		PN1-CN2-2
3	2S3		PN1-CN2-3
4	2S4		PN1-CN2-4
5	2S5		PN1-CN2-5
6	2S6		PN1-CN2-6
7	2S7		PN1-CN2-7
8	2S8		PN1-CN2-8
9	2S9		PN1-CN2-9
10	2S10		PN1-CN2-10

DM CN10

Pin No.	Pin Name	Wire Color	Destination
1	2D8		PN1-CN3-1
2	2D7		PN1-CN3-2
3	2D6		PN1-CN3-3
4	2D5		PN1-CN3-4
5	2D4		PN1-CN3-5
6	2D3		PN1-CN3-6
7	2D2		PN1-CN3-7
8	2D1		PN1-CN3-8

DM CN15

Pin No.	Pin Name	Wire Color	Destination
1	1S7		PN2-CN1-1
2	1L7		PN2-CN1-2
3	1S8		PN2-CN1-3
4	1L8		PN2-CN1-4
5	1S9		PN2-CN1-5
6	1L9		PN2-CN1-6
7	1S10		PN2-CN1-7
8	1L10		PN2-CN1-8
9	1D8		PN2-CN1-9
10	1D7		PN2-CN1-10
11	1D6		PN2-CN1-11
12	1D5		PN2-CN1-12
13	1D4		PN2-CN1-13
14	1D3		PN2-CN1-14

DM CN16 (HC-4 only)

Pin No.	Pin Name	Wire Color	Destination
1	VDD		UK-CN1-1
2	DIC1		UK-CN1-2
3	DIR1		UK-CN1-3
4	KDU		UK-CN1-4
5	CLK		UK-CN1-5
6	VSS		UK-CN1-6

DM CN5

Pin No.	Pin Name	Wire Color	Destination
1	2D10		PN1-CN4-1
2	2D9		PN1-CN4-2
3	2L1		PN1-CN4-3
4	2L2		PN1-CN4-4
5	2L3		PN1-CN4-5
6	2L4		PN1-CN4-6
7	2L5		PN1-CN4-7
8	2L6		PN1-CN4-8
9	2L7		PN1-CN4-9
10	2L8		PN1-CN4-10
11	2L9		PN1-CN4-11
12	2L10		PN1-CN4-12

DM CN11

Pin No.	Pin Name	Wire Color	Destination
1	+V		PU-CN9-1
2	+V		PU-CN9-2
3	+V		PU-CN9-3
4	VSSL		PU-CN9-4
5	VSSL		PU-CN9-5
6	VSSL		PU-CN9-6

DM CN17

Pin No.	Pin Name	Wire Color	Destination
1	OUT3		MIDI-CN1-1
2	OUT3		MIDI-CN1-2
3	OUT2		MIDI-CN1-3
4	OUT1		MIDI-CN1-4
5	IN2		MIDI-CN1-5
6	IN1		MIDI-CN1-6
7	VSS		MIDI-CN1-7
8	VSS		MIDI-CN1-8

DM CN6 (HC-2 only)

Pin No.	Pin Name	Wire Color	Destination
1	LD1		LK-CN1-1
2	LD2		LK-CN1-2
3	LD3		LK-CN1-3
4	LD4		LK-CN1-4