



Manual
NRT Field Termination Strip &
Input/Output Modules

Model
2103F

Revision History

File name / Revision	Date	Authors & Change details	Checked /Approved
Unidata Manual NRT Field Term & Sig Cond Issue 1.0.doc	2010	CB	
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Unidata Manual - 2103E NRT FTS and IO Modules Issue 3.0.docx	13 07 15	IM/PC Content Update	PC

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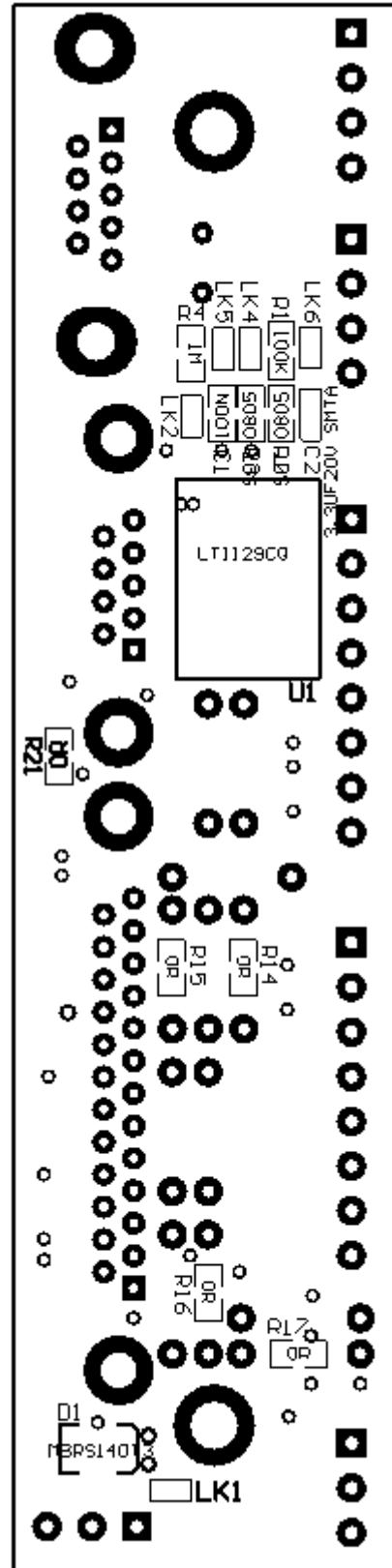
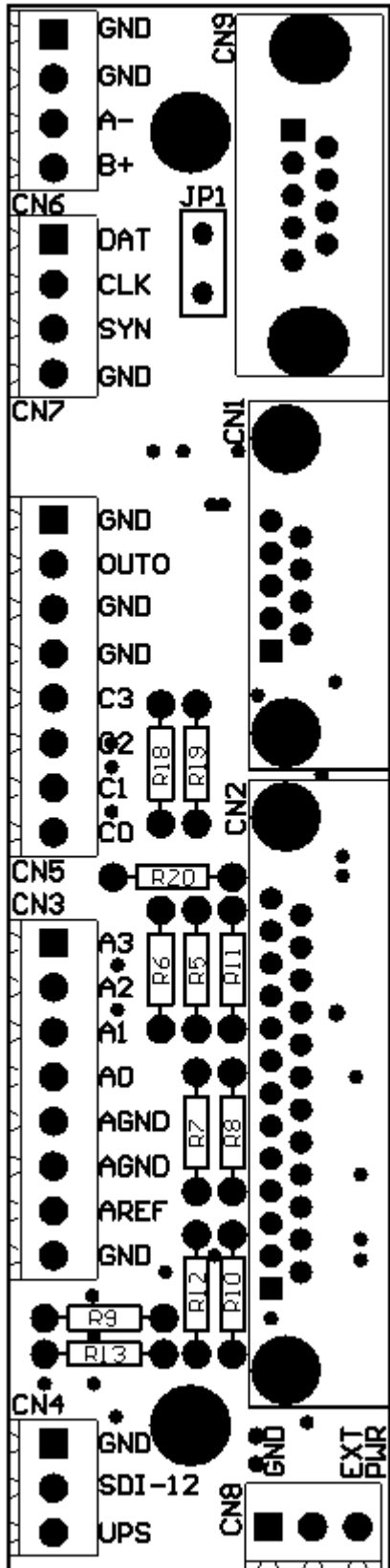


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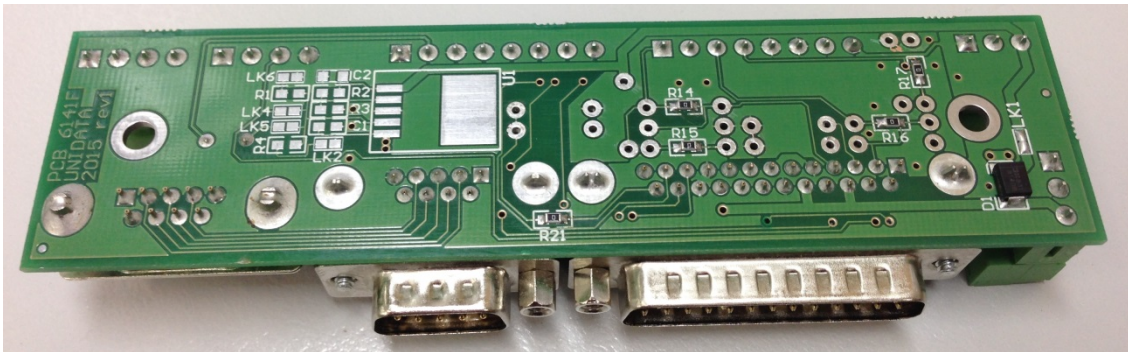
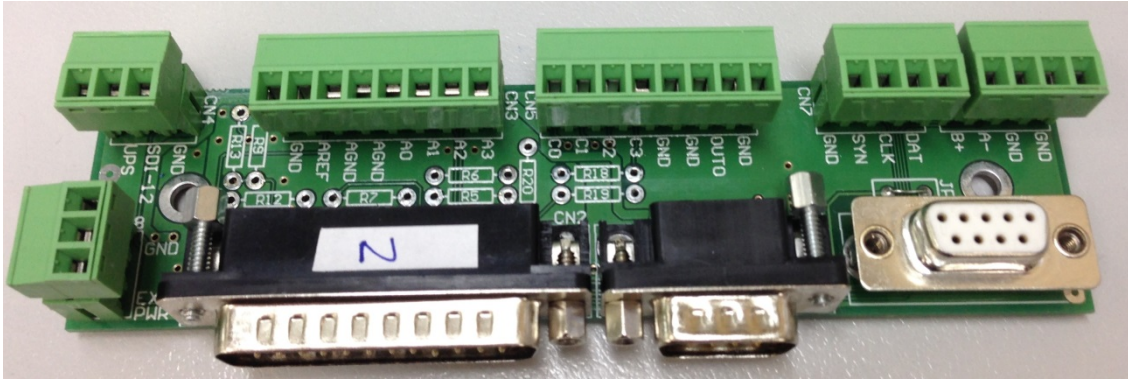
1.0 2103F FIELD TERMINATION STRIP CONNECTIONS

Connector	Name	Signal
CN6	GND	Digital Ground
	GND	Digital Ground
	CMB-	Modbus A-
	CMB+	Modbus B+
CN7	DAT	HSIO Data
	CLK	HSIO Clock
	SYN	HSIO Sync
	GND	Digital Ground
CN5	GND	Digital Ground
	OUT0	OUT 0 Output
	GND	Digital Ground
	GND	Digital Ground
	C3	Counter 3 Input
	C2	Counter 2 Input
	C1	Counter 1 Input
	C0	Counter 0 Input
CN3	A3	Analog 3 Input
	A2	Analog 2 Input
	A1	Analog 1 Input
	A0	Analog 0 Input
	AGND	Analog Ground
	AGND	Analog Ground
	AREF	AREF Output
	GND	Digital Ground
CN4	GND	Digital Ground
	SDI-12	SDI-12
	UPS	5V UPS Output (when fitted)
CN8	GND	Digital Ground
	EXT PWR	External Power Input



2103F Field Termination Strip

NO UPS LOADING OPTION
D1, LK1 LOAD
ALL OTHER SMD DNL
JP1 FITTED



UPS LOADING OPTIONS

5.1V Output:
R2=36K
R3=100K

9.9V Output:
R2=180K
R3=110K

SYNC Switches On(H) /Off (L)
LK4,LK6 LOAD
LK1, LK2,LK5 DNL
JP1 FITTED

OUT0 Switches ON (Off)/ OFF (On)
LK2,LK5 LOAD
LK1, LK4,LK6 DNL
JP1 NOT FITTED

