

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

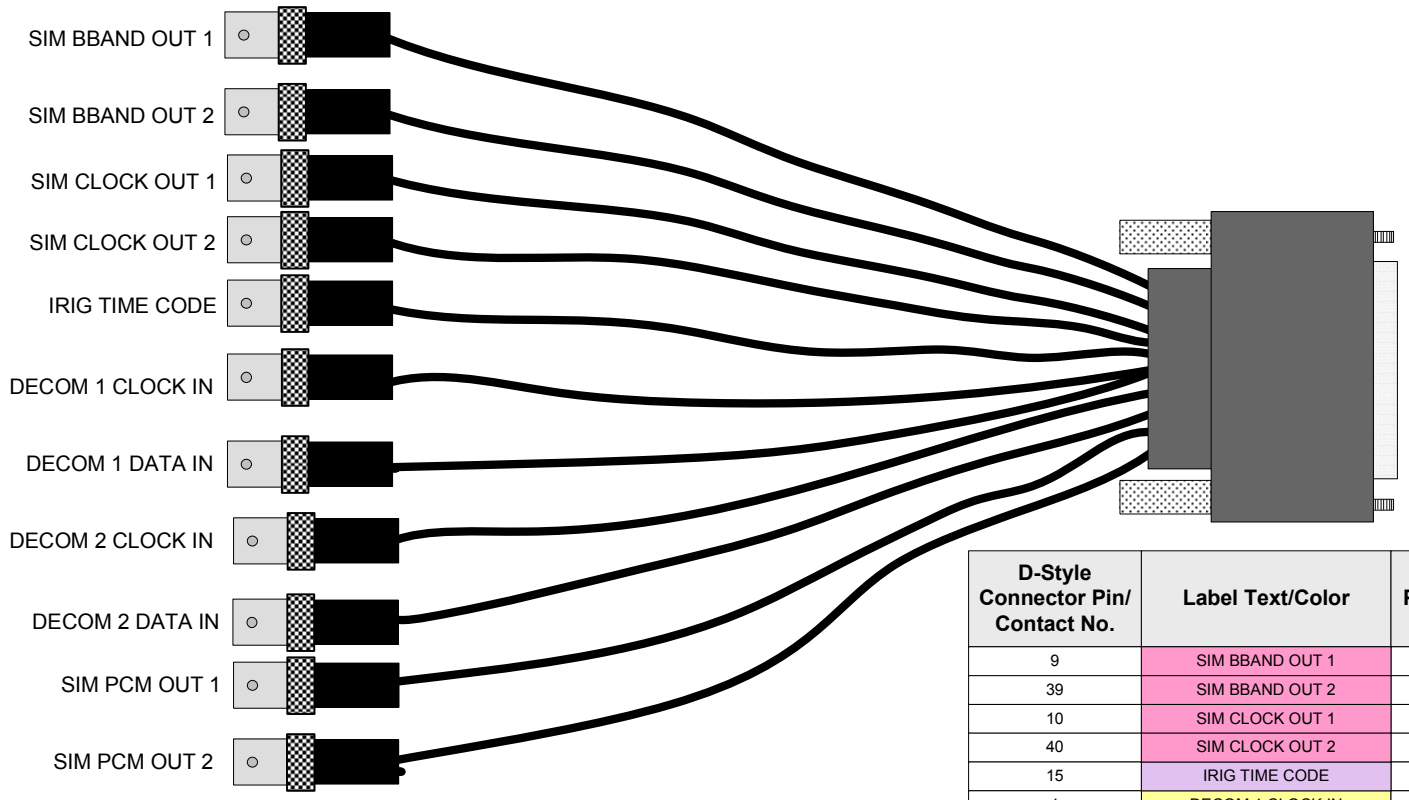
- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

Expert team | Trust guarantee | 100% satisfaction

All trademarks, brand names, and brands appearing herein are the property of their respective owners.

Visit our website - *Click HERE*

Date	Revision History



HD44 D-Style
Male Plug
w / Thumb Screws

D-Style Connector Pin/ Contact No.	Label Text/Color	Pigtail Type	Signal Details
9	SIM BBAND OUT 1	BNC-F	SIM BASEBAND OUTPUT 1
39	SIM BBAND OUT 2	BNC-F	SIM BASEBAND OUTPUT 2
10	SIM CLOCK OUT 1	BNC-F	SIM CLOCK OUTPUT 1
40	SIM CLOCK OUT 2	BNC-F	SIM CLOCK OUTPUT 2
15	IRIG TIME CODE	BNC-F	IRIG TIME CODE INPUT/OUTPUT
1	DECOM 1 CLOCK IN	BNC-F	DECOM 1 CLOCK IN
2	DECOM 1 DATA IN	BNC-F	DECOM 1 DATA IN
31	DECOM 2 CLOCK IN	BNC-F	DECOM 2 CLOCK IN
32	DECOM 2 DATA IN	BNC-F	DECOM 2 DATA IN
12	SIM PCM OUT 1	BNC-F	SIM PCM OUTPUT 1
42	SIM PCM OUT 2	BNC-F	SIM PCM OUTPUT 2
16,17,20,21,22,23,24, 25,26,29,	*(N/A)*	*(N/A)*	Ground

REFER to Sheet 2 for required board shunt and switch positions

Assembly Notes:

1.) Apply signal labels near connector end of cable pigtails and secure with clear heat shrink.
2.) All signal cable pigtails to be constructed from RG-174, approximately 12" in length.
3.) Apply LS55DD label to one side of D-connector housing and C0550105 to the other side.

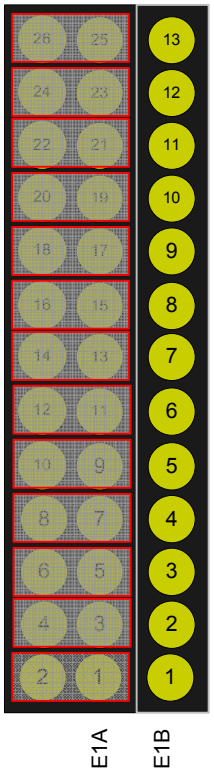
Lumistar Inc.
2270 Camino Vida Robles, Suite L
Carlsbad, CA 92011 (760) 431-2181

Title:
LS55DD w/o LS40 Interface Cable Assembly Drawing

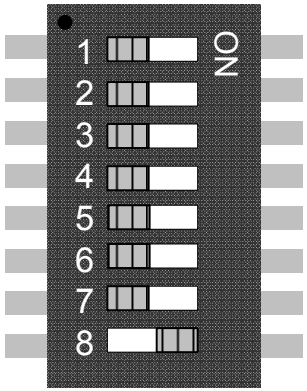
Size	Document Number:	REV
A	C0550105	-
07/17/2014		Sheet 1 of 2

LS55P2 wo/Bit Sync J1 Pinout - (TTL I/O Selected)

Configuration Header E1

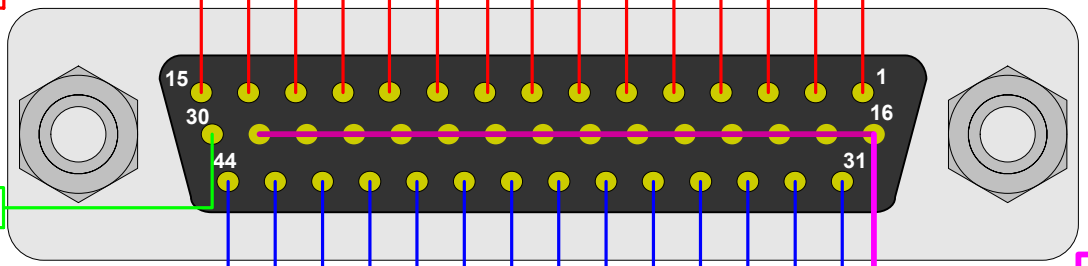


Switch S1



(8) Ch1 Decom Aux Clk In
(9) Ch1 Sim BBand Out
(10) Ch1 Sim Clock Out
(11) Ch1 Slave Clk Out
(12) Ch1 Sim PCM Out
(13) Ch1 Slave Data Out
(14) Ch1 Sim Strobe Out
(15) IRIG Time Out
IRIG Time 1PPS In(100Ω)

(7) Ch1 Sim/Alt Data In
(6) Ch1 Sim/Alt Clock In
(5) Ch1 Decom Aux Data In
(4) Ch1 Decom FORCE In
(3) Ch1 Sim Ext Status In
(2) Ch1 Decom Data In
(1) Ch1 Decom Clock In



Ground

(44) Ch2 Sim Strobe Out
(43) Ch2 Slave Data Out
(42) Ch2 Sim PCM Out
(41) Ch2 Slave Clk Out
(40) Ch2 Sim Clock Out
(39) Ch2 Sim BBand Out
(38) Ch2 Decom Aux Clk In

(31) Ch2 Decom Clock In
(32) Ch2 Decom Data In
(33) Ch2 Sim Ext Status In
(34) Ch2 Decom FORCE In
(35) Ch2 Decom Aux Data In
(36) Ch2 Sim/Alt Clock In
(37) Ch2 Sim/Alt Data In

Lumistar Inc.
2270 Camino Vida Robles, Suite L
Carlsbad, CA 92011 (760) 431-2181

Title:
LS55DD w/o LS40 Interface Cable Assembly Drawing

Size	Document Number:	REV
A	C0550105	-
07/17/2014		Sheet 2 of 2

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

Artisan Scientific Corporation dba Artisan Technology Group is not an affiliate, representative, or authorized distributor for any manufacturer listed herein.

We're here to make your life easier. How can we help you today?

(217) 352-9330 | sales@artisantg.com | artisantg.com

ARTISAN® TECHNOLOGY GROUP