

Date : 02-23-00 [11:16]
DSC Ltd. (Mfg)

CUSTOMIZED MULTI-LEVEL BILLS OF MATERIAL

Page : 26
Company : 651

Project : 140014 WLS9001NB-433 (UA236)
Narrowband Motherboard

Status : Active
Start Date:
Compl.Dte : 01-24-00

Customer:
Manufactured Item: 70006914
Revision :

NT9010-433 REV01X1 (UA236)

Unit: ea

Level	Pos.	Item	Description	Revi- sion	IC	Length [m]	Width [m]	Number of Units	Net Quantity	Un.	Scp [%]	Wrh	Opr	Ph. tom
-------	------	------	-------------	---------------	----	----------------	---------------	--------------------	--------------	-----	------------	-----	-----	------------

Location	Net Quantity

.2 |1117|03000422 | 220NF 10% -55~+100C RAD 250V T | |St| | | | 5.0000|ea | |001| 50|N

Location	Net Quantity
C241	1.0000
C242	1.0000
C243	1.0000
C244	1.0000
C245	1.0000

.2 |1120|03000531 | CAP. 10UF 16V SMD. 4MMD X 5.4MM | |St| | | | 12.0000|ea | |001| 10|N

Location	Net Quantity
C102	1.0000
C229	1.0000
C230	1.0000
C232	1.0000
C233	1.0000
C255	1.0000
C256	1.0000
C269	1.0000
C286	1.0000
C287	1.0000
C288	1.0000
C302	1.0000

.2 |1130|03000532 | CAP.22UF 16V SMD. 5MMD X 5.4MM | |St| | | | 2.0000|ea | |001| 10|N

Location	Net Quantity
C240	1.0000
C314	1.0000

.2 |1140|03000533 | CAP. 2200UF 25V SMD. 18MMD X 1 | |St| | | | 1.0000|ea | |001| 10|N

Location	Net Quantity
C225	1.0000

.2 |1150|03000534 | CAP. 1UF 50V SMD. 4MMD X 5.4MM | |St| | | | 2.0000|ea | |001| 10|N

DSC Ltd. (Mfg)

CUSTOMIZED MULTI-LEVEL BILLS OF MATERIAL

Page : 27

Company : 651

Customer:
Manufactured Item: 70006914
Revision :

Start Date:

Compl.Dte : 01-24-00

NT9010-433 REV01X1 (UA236)

Unit: ea

[illegible]

Location	Net Quantity
C239	1.0000
C257	1.0000

.2	1160	03000536	CAP,SMD, 100UF16V, 6.3MMDX5.M	St				3.0000	ea	001	10	N
----	------	----------	-------------------------------	----	--	--	--	--------	----	-----	----	---

Location	Net Quantity
C227	1.0000
C252	1.0000
C263	1.0000

.2	1170	03000558	2.2UF/25V, +80/-20% CERAMIC CA	St				3.0000	ea	001	60	N
----	------	----------	--------------------------------	----	--	--	--	--------	----	-----	----	---

Location	Net Quantity
C274	1.0000
C275	1.0000
C313	1.0000

.2	1180	03000559	1UF/25V, 20% CERAMIC CAPACITOR	St				2.0000	ea	001	60
----	------	----------	--------------------------------	----	--	--	--	--------	----	-----	----

Location	Net Quantity
C273	1.0000
C305	1.0000

.2	1190 03000559	10F/25V, 20% CERAMIC CAPACITOR	St	1.0000 ea	001	10 N
----	---------------	--------------------------------	----	-----------	-----	------

Location	Net Quantity
C272	1.0000

.2	1200 03000596	270UF/16V ELEC. LOW ESR, LONG	Cu	4.0000 ea	001	10 N
----	---------------	-------------------------------	----	-----------	-----	------

Location	Net Quantity
C295	1.0000
C296	1.0000
C304	1.0000
C309	1.0000

.2	1210 03000597	330UF/25V ELEC. LOW ESR, LONG	St	1.0000 ea	001	10 N
----	---------------	-------------------------------	----	-----------	-----	------

Date : 02-23-00 [11:16]
DSC Ltd. (Mfg)

CUSTOMIZED MULTI-LEVEL BILLS OF MATERIAL

Page : 28
Company : 651

Project : 140014 WLS9001NB-433 (UA236)
Narrowband Motherboard

Status : Active
Start Date:
Compl.Dte : 01-24-00

Customer:
Manufactured Item: 70006914
Revision : 001

NT9010-433 REV01X1 (UA236)

Unit: ea

Level	Pos.	Item	Description	Revi- sion	IC	Length [m]	Width [m]	Number of Units	Net Quantity	Un.	Scp [%]	Wrh	Opr	Ph. tom
-------	------	------	-------------	---------------	----	----------------	---------------	--------------------	--------------	-----	------------	-----	-----	------------

Location	Net Quantity
C297	1.0000

.2 | 1220 | 03000562 | 220NF/25V 20% CERAMIC CAPACITO | | St | | | | 2.0000 | ea | | 001 | 10 | N

Location	Net Quantity
C266	1.0000
C303	1.0000

.2 | 1221 | 03000565 | 10UF/25V 20% 5MM SMD ALUM. ELE | | St | | | | 3.0000 | ea | | 001 | 10 | N

Location	Net Quantity
C310	1.0000
C311	1.0000
C319	1.0000

.2 | 1222 | 04000001 | NPN GP TRANSISTOR TO-92 HFE=10 | | St | | | | 1.0000 | ea | | 001 | 50 | N

Location	Net Quantity
Q13	1.0000

.2 | 1225 | 04000003 | PNP GP TRANSISTOR TO-92 HFE=10 | | St | | | | 2.0000 | ea | | 001 | 50 | N

Location	Net Quantity
Q15	1.0000
Q6	1.0000

.2 | 1227 | 04000014 | SMD PNP GENERAL PURPOSE TRANS | | St | | | | 1.0000 | ea | | 001 | 10 | N

Location	Net Quantity
Q106	1.0000

.2 | 1230 | 04000015 | P-CHANNEL POWER MOSFET TO-220A | | St | | | | 1.0000 | ea | | 001 | 80 | N

BOM Text
Bent 45 degrees (Just below C225 Height)

Location	Net Quantity
Q116	1.0000

Date : 02-23-00 [11:16]
DSC Ltd. (Mfg)

CUSTOMIZED MULTI-LEVEL BILLS OF MATERIAL

Page : 29
Company : 651

Project : 140014 WLS9001NB-433 (UA236)
Narrowband Motherboard

Status : Active
Start Date:
Compl.Dte : 01-24-00
NT9010-433 REV01X1 (UA236)

Customer:
Manufactured Item: 70006914
Revision : 001

Unit: ea

Level	Pos.	Item	Description	Revi- sion	IC	Length [m]	Width [m]	Number of Units	Net Quantity	Un.	Scp [%]	Wrh	Opr	Ph. tom
-------	------	------	-------------	---------------	----	-----------------	----------------	--------------------	--------------	-----	------------	-----	-----	------------

Location	Net Quantity

.2 |1240|04000033 | NPN H.F 9GHZ L.N TRANS. SOT-23 | |St| | | | 3.0000|ea | |001| 10|N

Location	Net Quantity
Q104	1.0000
Q118	1.0000
Q119	1.0000

.2 |1250|04000053 | TRANSISTOR SMD BCX69 PNP | |St| | | | 1.0000|ea | |001| 60|N

Location	Net Quantity
Q37	1.0000

.2 |1260|04000071 | NPN SMD SWITCHING TRANS SOT-23 | |St| | | | 15.0000|ea | |001| 60|N

Location	Net Quantity
Q10	1.0000
Q110	1.0000
Q115	1.0000
Q117	1.0000
Q27	1.0000
Q28	1.0000
Q29	1.0000
Q35	1.0000
Q36	1.0000
Q40	1.0000
Q41	1.0000
Q42	1.0000
Q43	1.0000
Q52	1.0000
Q7	1.0000

.2 |1270|04000071 | NPN SMD SWITCHING TRANS SOT-23 | |St| | | | 15.0000|ea | |001| 10|N

Location	Net Quantity
Q113	1.0000
Q114	1.0000
Q120	1.0000
Q14	1.0000
Q16	1.0000

Date : 02-23-00 [11:16]
DSC Ltd. (Mfg)

CUSTOMIZED MULTI-LEVEL BILLS OF MATERIAL

Page : 30
Company : 651

Project : 140014 WLS9001NB-433 (UA236)
Narrowband Motherboard

Status : Active
Start Date:
Compl.Dte : 01-24-00
NT9010-433 REV01X1 (UA236)

Customer:
Manufactured Item: 70006914
Revision : 001

Unit: ea

Level	Pos.	Item	Description	Revision	IC	Length [m]	Width [m]	Number of Units	Net Quantity	Un.	Scp [%]	Wrh	Opr	Ph. tom
-------	------	------	-------------	----------	----	---------------	--------------	--------------------	--------------	-----	------------	-----	-----	------------

Location	Net Quantity
Q17	1.0000
Q18	1.0000
Q19	1.0000
Q21	1.0000
Q24	1.0000
Q25	1.0000
Q39	1.0000
Q44	1.0000
Q8	1.0000
Q9	1.0000

.2 |1280|04000072 | PNP SMD SWITCHING TRANS SOT-23 | |St| | | | 3.0000|ea | |001| 60|N

Location	Net Quantity
Q111	1.0000
Q33	1.0000
Q38	1.0000

.2 |1290|04000072 | PNP SMD SWITCHING TRANS SOT-23 | |St| | | | 4.0000|ea | |001| 10|N

Location	Net Quantity
Q20	1.0000
Q22	1.0000
Q23	1.0000
Q5	1.0000

.2 |1300|04000108 | N-CHANNEL MOSFET LOGIC LEVEL | |St| | | | 1.0000|ea | |001| 60|N

Location	Net Quantity
Q32	1.0000

.2 |1310|04000109 | PNP POWER TRANSISTOR SOT-223, | |St| | | | 1.0000|ea | |001| 60|N

Location	Net Quantity
Q31	1.0000

.2 |1320|05000001 | HIGH CONDUCT. FAST DIODE PIV=1 | |St| | | | 16.0000|ea | |001| 60|N

Location	Net Quantity
----------	--------------