

Date : 01-02-01 [09:44]

DSC Ltd (Mfg)

ENGINEERING BOM

Page : 1

Company : 651

Approval Date: _____

Approval Date: _____

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Pos.	Component	Description	Component Type	Revision	Length [m]	Width [m]	No. of Units	Net Quantity	Un.	Extra Info
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E-Item : 73-00883

PC5132 433NA (UA200) REV02X1

BOM Unit: 1 ea

Revision : 002

HONGP AND ROMARDG PROTO BILL

10	01000313	22K OHM 1/10W 5% SMD (0805) RA	Item					1.0000	ea	TOP
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Location	Net Quantity
R35	1.0000

30	01000213	2.7K OHM 1/10W 5% SMD (0805) R	Item					2.0000	ea	TOP
----	----------	--------------------------------	------	--	--	--	--	--------	----	-----

Location	Net Quantity
R1	1.0000
R5	1.0000

40	01000214	47K OHM 1/10W 5% SMD (0805) RA	Item					5.0000	ea	TOP
----	----------	--------------------------------	------	--	--	--	--	--------	----	-----

Location	Net Quantity
R21	1.0000
R67	1.0000
R68	1.0000
R71	1.0000
R76	1.0000

50	01000216	47 OHM 1/10W 5% SMD (0805) RAT	Item					2.0000	ea	TOP
----	----------	--------------------------------	------	--	--	--	--	--------	----	-----

Location	Net Quantity
R20	1.0000
R7	1.0000

60	01000218	10 OHM 1/10W 5% SMD (0805) RAT	Item					8.0000	ea	TOP
----	----------	--------------------------------	------	--	--	--	--	--------	----	-----

Location	Net Quantity
R17	1.0000
R18	1.0000
R26	1.0000
R27	1.0000
R44	1.0000
R94	1.0000
R95	1.0000
R99	1.0000

70	01000212	1M OHM 1/10W 5% SMD (0805) RAT	Item					1.0000	ea	TOP
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Location	Net Quantity
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Pos.	Component	Description	Component Type	Revi- sion	Length [m]	Width [m]	No. of Units	Net Quantity	Un.	Extra Info
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E-Item : 73-00883
Revision : 002

PC5132 433NA (UA200) REV02X1
HONGP AND ROMARDG PROTO BILL

BOM Unit: 1 ea

Location	Net Quantity
R23	1.0000

8001000239

10M OHM 1/10W 5% SMD (0805) RA

Item

1.0000

ea

TOP

Location	Net Quantity
R125	1.0000

9001000232

220K OHM 1/10W 5% SMD (0805) R

Item

1.0000

ea

TOP

Location	Net Quantity
R118	1.0000

11001000226

4.7K OHM 1/10W 5% SMD (0805) R

Item

1.0000

ea

TOP

Location	Net Quantity
R34	1.0000

21003000196

220PF 5% -55~+125C SMD 0805 5

Item

1.0000

ea

TOP

Location	Net Quantity
C87	1.0000

24001000219

1K OHM 1/10W 5% SMD (0805) RAT

Item

4.0000

ea

TOP

Location	Net Quantity
R30	1.0000
R32	1.0000
R33	1.0000
R48	1.0000

26001000223

10K OHM 1/10W 5% SMD (0805) RA

Item

8.0000

ea

TOP

Location	Net Quantity
R114	1.0000
R120	1.0000
R121	1.0000
R51	1.0000
R61	1.0000
R62	1.0000
R64	1.0000
R74	1.0000

Pos.	Component	Description	Component Type	Revision	Length [m]	Width [m]	No. of Units	Net Quantity	Un.	Extra Info
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E-Item : 73-00883

PC5132 433NA (UA200) REV02X1

BOM Unit: 1 ea

Revision : 002

HONGP AND ROMARDG PROTO BILL

270	01000227	3.9K OHM 1/10W 5% SMD (0805) R	Item					3.0000	ea	TOP
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Location	Net Quantity
R15	1.0000
R16	1.0000
R8	1.0000

280	01000231	100K OHM 1/10W 5% SMD (0805) R	Item					4.0000	ea	TOP
-----	----------	--------------------------------	------	--	--	--	--	--------	----	-----

Location	Net Quantity
R112	1.0000
R116	1.0000
R65	1.0000
R73	1.0000

290	01000235	1.8K OHM 1/10W 5% SMD (0805) R	Item					1.0000	ea	TOP
-----	----------	--------------------------------	------	--	--	--	--	--------	----	-----

Location	Net Quantity
R9	1.0000

300	01000242	0 OHM 1/10W 5% SMD (0805) RATE	Item					3.0000	ea	TOP
-----	----------	--------------------------------	------	--	--	--	--	--------	----	-----

Location	Net Quantity
R111	1.0000
R119	1.0000
R77	1.0000

301	01000251	68 OHM 1/10W 5% SMD (0805) RAT	Item					1.0000	ea	TOP
-----	----------	--------------------------------	------	--	--	--	--	--------	----	-----

Location	Net Quantity
R39	1.0000

310	01000243	6.8K OHM 1/10W 5% SMD (0805) R	Item					1.0000	ea	TOP
-----	----------	--------------------------------	------	--	--	--	--	--------	----	-----

Location	Net Quantity
R24	1.0000

320	01000247	100 OHM 1/10 5% SMD (0805) RAT	Item					5.0000	ea	TOP
-----	----------	--------------------------------	------	--	--	--	--	--------	----	-----

Location	Net Quantity
R10	1.0000
R103	1.0000
R124	1.0000
R25	1.0000

Date : 01-02-01 [09:44]

ENGINEERING BOM

Page : 4

DSC Ltd (Mfg)

Company : 651

Pos.	Component	Description	Component Type	Revision	Length [m]	Width [m]	No. of Units	Net Quantity	Un.	Extra Info
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E-Item : 73-00883

PC5132 433NA (UA200) REV02X1

BOM Unit: 1 ea

Revision : 002

HONGP AND ROMARDG PROTO BILL

Location	Net Quantity
R40	1.0000

330|01000279|56K OHM 1/10W 5% SMD (0805) RA|Item| | | | |2.0000|ea|TOP

Location	Net Quantity
R66	1.0000
R72	1.0000

340|01000307|180 OHM 1/10W 5% SMD (0805) R|Item| | | | |3.0000|ea|TOP

Location	Net Quantity
R2	1.0000
R3	1.0000
R91	1.0000

350|01000309|820 OHM 1/10W 5% SMD (0805) RA|Item| | | | |3.0000|ea|TOP

Location	Net Quantity
R12	1.0000
R123	1.0000
R31	1.0000

390|03000118|10NF 10% -55~+125C SMD 0805 5|Item| | | | |3.0000|ea|TOP

Location	Net Quantity
C131	1.0000
C31	1.0000
C86	1.0000

400|03000120|47PF 5% -55~+125C SMD 0805|Item| | | | |2.0000|ea|TOP

Location	Net Quantity
C11	1.0000
C6	1.0000

410|03000122|100PF 5% -55~+125C SMD 0805|Item| | | | |22.0000|ea|TOP

Location	Net Quantity
C1	1.0000
C112	1.0000
C16	1.0000
C19	1.0000

Date : 01-02-01 [09:44]
DSC Ltd (Mfg)

ENGINEERING BOM

Page : 5
Company : 651

Pos.	Component	Description	Component Type	Revision	Length [m]	Width [m]	No. of Units	Net Quantity	Un.	Extra Info
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E-Item : 73-00883

PC5132 433NA (UA200) REV02X1

BOM Unit:

1 ea

Revision : 002

HONGP AND ROMARDG PROTO BILL

Location	Net Quantity
C2	1.0000
C21	1.0000
C24	1.0000
C32	1.0000
C45	1.0000
C47	1.0000
C48	1.0000
C56	1.0000
C61	1.0000
C68	1.0000
C78	1.0000
C80	1.0000
C81	1.0000
C85	1.0000
C90	1.0000
C91	1.0000
C94	1.0000
C96	1.0000

420|03000125

|100NF 10% -55~+125C SMD 0805 |Item

| 23.0000|ea |TOP

Location	Net Quantity
C101	1.0000
C102	1.0000
C118	1.0000
C125	1.0000
C126	1.0000
C130	1.0000
C14	1.0000
C144	1.0000
C145	1.0000
C18	1.0000
C35	1.0000
C37	1.0000
C39	1.0000
C40	1.0000
C43	1.0000
C49	1.0000
C50	1.0000
C54	1.0000
C57	1.0000
C62	1.0000
C70	1.0000
C76	1.0000
C77	1.0000

430|03000128

|10NF 5% -55~+125C SMD 0805 |Item

| 22.0000|ea |TOP

Date : 01-02-01 [09:44]
DSC Ltd (Mfg)

ENGINEERING BOM

Page : 6
Company : 651

Pos.	Component	Description	Component Type	Revision	Length [m]	Width [m]	No. of Units	Net Quantity	Un.	Extra Info
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E-Item : 73-00883

PC5132 433NA (UA200) REV02X1

BOM Unit: 1 ea

Revision : 002

HONGP AND ROMARDG PROTO BILL

Location	Net Quantity
C10	1.0000
C100	1.0000
C111	1.0000
C141	1.0000
C15	1.0000
C22	1.0000
C23	1.0000
C3	1.0000
C33	1.0000
C36	1.0000
C38	1.0000
C4	1.0000
C41	1.0000
C42	1.0000
C46	1.0000
C5	1.0000
C55	1.0000
C58	1.0000
C64	1.0000
C71	1.0000
C72	1.0000
C84	1.0000

440|03000130 |10PF 5% -55~+125C SMD 0805 5 |Item | | | | 4.0000|ea |TOP

Location	Net Quantity
C136	1.0000
C26	1.0000
C44	1.0000
C9	1.0000

450|03000131 |4.7PF +/-0.1PF -55~+125C SMD |Item | | | | 2.0000|ea |TOP

Location	Net Quantity
C12	1.0000
C27	1.0000

460|03000531 |CAP. 10UF 16V SMD. 4MMD X 5.4M |Item | | | | 7.0000|ea |TOP

Location	Net Quantity
C113	1.0000
C116	1.0000
C121	1.0000
C122	1.0000
C123	1.0000

Date : 01-02-01 [09:44]

ENGINEERING BOM

Page : 7

DSC Ltd (Mfg)

Company : 651

Pos.	Component	Description	Component Type	Revision	Length [m]	Width [m]	No. of Units	Net Quantity	Un.	Extra Info
------	-----------	-------------	----------------	----------	----------------	---------------	-----------------	--------------	-----	---------------

E-Item : 73-00883

PC5132 433NA (UA200) REV02X1

BOM Unit: 1 ea

Revision : 002

HONGP AND ROMARDG PROTO BILL

Location	Net Quantity
C17	1.0000
C79	1.0000

470|03000247|8.2PF +/- .25PF -55~+125C SMD 0|Item|||1.0000|ea|TOP

Location	Net Quantity
C29	1.0000

480|03000205|2.2NF 10% -55~+125C SMD 0805 5|Item|||3.0000|ea|TOP

Location	Net Quantity
C51	1.0000
C52	1.0000
C88	1.0000

490|03000139|33PF 5% -55~+125C SMD 0805|Item|||2.0000|ea|TOP

Location	Net Quantity
C28	1.0000
C65	1.0000

500|03000123|22PF 5% -55~+125C SMD 0805|Item|||1.0000|ea|TOP

Location	Net Quantity
C30	1.0000

510|03000198|390PF 5% -55~+125C SMD 0805 50|Item|||3.0000|ea|TOP

Location	Net Quantity
C63	1.0000
C66	1.0000
C69	1.0000

520|03000215|22NF 10% -55~+125C SMD 0805 50|Item|||1.0000|ea|TOP

Location	Net Quantity
C34	1.0000

530|03000319|15PF 5% -55~+125C SMD 0805 50|Item|||2.0000|ea|TOP

Location	Net Quantity
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Date : 01-02-01 [09:44]

ENGINEERING BOM

Page : 8

DSC Ltd (Mfg)

Company : 651

Pos.	Component	Description	Component Type	Revision	Length [m]	Width [m]	No. of Units	Net Quantity	Un.	Extra Info
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E-Item : 73-00883

PC5132 433NA (UA200) REV02X1

BOM Unit: 1 ea

Revision : 002

HONGP AND ROMARDG PROTO BILL

Location	Net Quantity
C25	1.0000
C8	1.0000

540|03000119|1.2PF +/- .2PF -55~+125C SMD|Item|||1.0000|ea|TOP

Location	Net Quantity
C95	1.0000

550|04000151|BFQ67; HF(8GHZ) NPN SOT23; VCE|E-Item|001||3.0000|ea|TOP

Location	Net Quantity
Q1	1.0000
Q2	1.0000
Q4	1.0000

551|04000012|SMD NPN GP TRANS. TO-236 HFEMA|Item|||1.0000|ea|TOP

Location	Net Quantity
Q7	1.0000

560|04000071|NPN SMD SWITCHING TRANS SOT-23|Item|||1.0000|ea|TOP

Location	Net Quantity
Q5	1.0000

570|05000001|HIGH CONDUCT. FAST DIODE PIV=1|Item|||4.0000|ea|TOP

Location	Net Quantity
D1	1.0000
D5	1.0000
D6	1.0000
D7	1.0000

580|05000134|MMBV809LT1; TUNING DIODE; VR=2|E-Item|001||1.0000|ea|TOP

Location	Net Quantity
Q3	1.0000

600|06000558|5V 5% VOLTAGE REGULATOR 369A-0|Item|||1.0000|ea|TOP

Location	Net Quantity
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Pos.	Component	Description	Component Type	Revision	Length [m]	Width [m]	No. of Units	Net Quantity	Un.	Extra Info
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E-Item : 73-00883

PC5132 433NA (UA200) REV02X1

BOM Unit:

1 ea

Revision : 002

HONGP AND ROMARDG PROTO BILL

Location	Net Quantity
U102	1.0000

610|06001174|RF2919; 433MHZ ASK/OOK RF-RXR; Item|1.0000|ea|TOP

Location	Net Quantity
IC1	1.0000

620|06000589|4K-BIT SERIAL EEPROM 8PIN SOIC Item|1.0000|ea|TOP

Location	Net Quantity
IC4	1.0000

640|06000867|QUAD OP AMP RAIL TO RAIL SMD 8 Item|1.0000|ea|TOP

Location	Net Quantity
U1	1.0000

660|03000332|VAR. TRIM CAP 4.2~20PF RAD -55 Item|1.0000|ea|TOP

Location	Net Quantity
VC1	1.0000

670|05000007|RECOVERY RECTIFIER PIV=400V Item|1.0000|ea|TOP

Location	Net Quantity
D8	1.0000

680|14000002|TERMINAL BLOCK 3 POSITION Item|2.0000|ea|TOP

Location	Net Quantity
GND1	1.0000
GND2	1.0000

690|14000007|MINI TERMINAL BLOCK 4 POSITION Item|1.0000|ea|TOP

Location	Net Quantity
RED	1.0000

700|14000026|28 PIN DIP IC SOCKET DUAL LEAF Item|2.0000|ea|TOP

Pos.	Component	Description	Component Type	Revision	Length [m]	Width [m]	No. of Units	Net Quantity	Un.	Extra Info
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E-Item : 73-00883

PC5132 433NA (UA200) REV02X1

BOM Unit:

1 ea

Revision : 002

HONGP AND ROMARDG PROTO BILL

Location	Net Quantity
IC5	1.0000
IC6	1.0000

710|16000116 |Tact Switch Normally Open GND |Item | | | | | 1.0000|ea |TOP

Location	Net Quantity
SW2	1.0000

720|22000082 |10.7MHz Ceramic Filter Toko 3 |Item | | | | | 2.0000|ea |TOP

Location	Net Quantity
FL1	1.0000
FL2	1.0000

730|22000083 |RF1172 SAW Filter 433.92MHz fi |Item | | | | | 1.0000|ea |TOP

Location	Net Quantity
FL3	1.0000

750|03000015 |47UF 20% -40~+85C RAD 25V T/R |Item | | | | | 1.0000|ea |TOP

Location	Net Quantity
C75	1.0000

760|03000027 |10UF 20% -40~+85C RAD 25V T/R |Item | | | | | 2.0000|ea |TOP

Location	Net Quantity
C73	1.0000
C74	1.0000

770|03000079 |22UF 25V T/R ELECTRO |Item | | | | | 1.0000|ea |TOP

Location	Net Quantity
C99	1.0000

780|15000001 |MOV 392R 5MM TR |Item | | | | | 1.0000|ea |TOP

Location	Net Quantity
MV1	1.0000

790|01000020 |10 OHM 1/4W 5% TR |Item | | | | | 1.0000|ea |TOP

Date : 01-02-01 [09:44]

DSC Ltd (Mfg)

ENGINEERING BOM

Page : 11

Company : 651

Pos.	Component	Description	Component Type	Revision	Length [m]	Width [m]	No. of Units	Net Quantity	Un.	Extra Info
------	-----------	-------------	----------------	----------	----------------	---------------	-----------------	--------------	-----	---------------

E-Item : 73-00883

PC5132 433NA (UA200) REV02X1

BOM Unit:

1 ea

Revision : 002

HONGP AND ROMARDG PROTO BILL

Location	Net Quantity
R70	1.0000

800 05000097	ZENER REGULATOR DIODE 15V 1.5W	Item					2.0000	ea	TOP
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Location	Net Quantity
ZD1	1.0000
ZD2	1.0000

810 22000178	6.6128125MHZ 20PPM HC49/U 2PIN	E-Item	001				1.0000	ea	TOP
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Location	Net Quantity
XTL1	1.0000

820 11002067	PC5132-433 (UA200) REV02X1	E-Item	001				1.0000	ea	
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