



Title			
LOW JITTER CLOCK			
SCHEMATIC			
Size	Number		Rev
A4			B4
Date	1/10/2012	Drawn by	AMC
Filename			Sheet 1/3

RefDes	Quantity	Value	Type
C101, C102, C103, C104	4	33pF	1519287
C105	1	10nF	115-758
C201, C204	2	56uF	1679206
C202, C203, C205, C208, C211	5	100nF	1890145
C206, C207	2	470uF	1691148
C209	1	10uF	1304283
C210	1	680uF	1691139
D201, D202, D203, D204	4 (AC)	MBR1100	4897432
D205	1 (DC)	1N4004	9109595
J101, J102	1	SMB	1909321
J201, J202	1	MC24358	1624290
Q101, Q102	2	J309	1017716
R101, R102	2	10MR	683-2945
R103, R104, R201, R209	4	120R	151-397
R105, R106, R208	3	470R	157-468
R107, R108, R204	3	39R	157-503
R202, R203, R205, R206	4	3.3kR	157-480
R207	1	10R	151-066
TX201	1 (AC)	44091	1777992
U101	1	AD8561	523-8711
U201, U202	2	TL431	9756469
U203	1	LD1085V	1087152
VR201	1 (AC)	V07E250	1154609
X101	1	11.2896MHz, 16.9344MHz, 33.8688MHz	HC49US-11.2896MABJ-UB, HC49US-16.9344MABJ-UB, HC49US-33.8688MABJ-UB

The components labeled (AC)
in the quantity column are
needed only when building the
AC powered version of this
device.

The components labeled (DC)
in the quantity column are
needed only when building the
DC powered version of this
device.

Part numbers in the format
XXXXXXX are from element14,
part numbers in the format
XXX-XXX or XXX-XXXX are from
RS, alphanumeric part numbers
are from Active Components.

Title LOW JITTER CLOCK BILL OF MATERIAL			
Size A4	Number		Rev B4
Date	1/10/2012	Drawn by	AMC
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