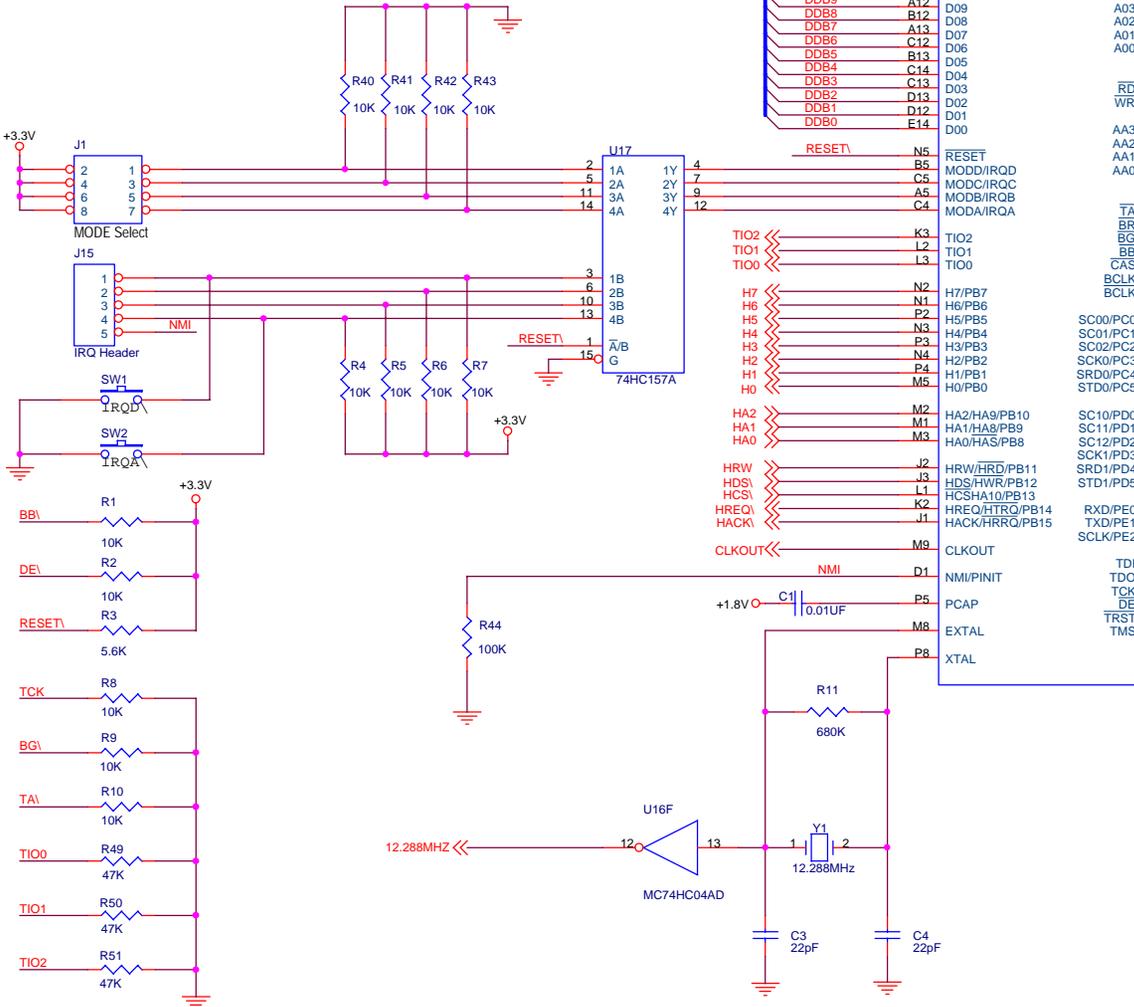
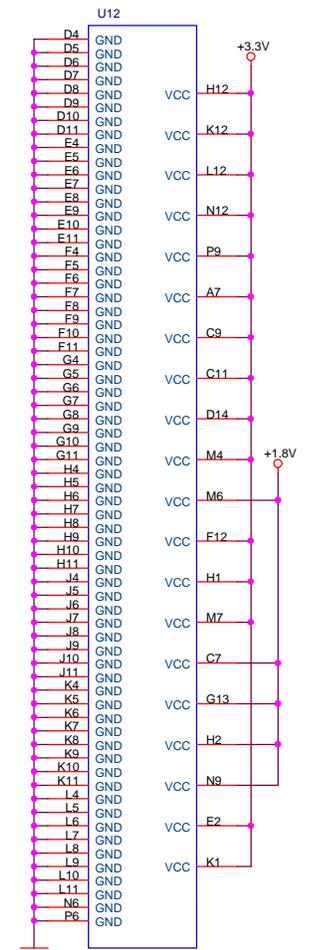


MODE SELECT					
#	D	C	B	A	
1	1	0	0	1	BOOTSTRAP FROM BYTE-WIDE MEMORY
2	1	0	1	0	BOOTSTRAP THROUGH SCI
4	1	1	0	0	HI08 BOOTSTRAP IN ISA/DSP5630X



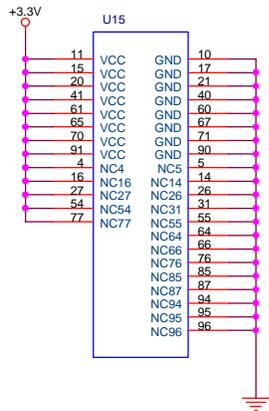
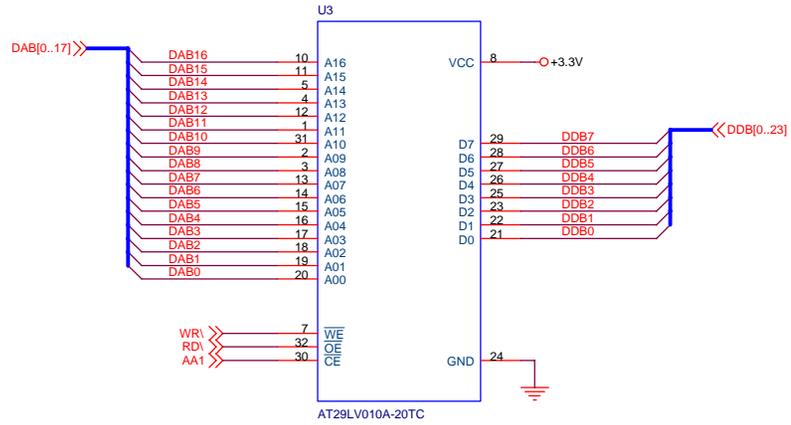
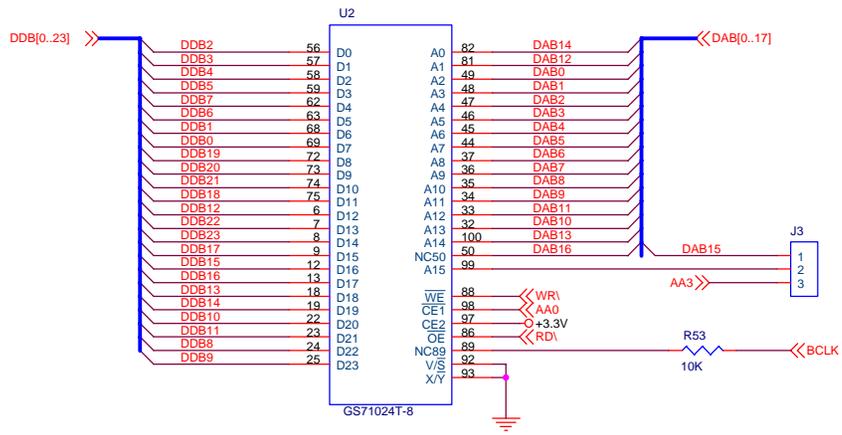
U1		XC56L307VF160	
D23	DDB23	A6	DDB23
D22	DDB22	C6	DDB22
D21	DDB21	B6	DDB21
D20	DDB20	A7	DDB20
D19	DDB19	B7	DDB19
D18	DDB18	C8	DDB18
D17	DDB17	B8	DDB17
D16	DDB16	A9	DDB16
D15	DDB15	B9	DDB15
D14	DDB14	A10	DDB14
D13	DDB13	B10	DDB13
D12	DDB12	C10	DDB12
D11	DDB11	A11	DDB11
D10	DDB10	B11	DDB10
D09	DDB9	A12	DDB9
D08	DDB8	B12	DDB8
D07	DDB7	C12	DDB7
D06	DDB6	A13	DDB6
D05	DDB5	B13	DDB5
D04	DDB4	C14	DDB4
D03	DDB3	A14	DDB3
D02	DDB2	B14	DDB2
D01	DDB1	C14	DDB1
D00	DDB0	A14	DDB0
RESET		N5	RESET
RESET		B5	RESET
MODD/IRQD		C5	MODC/IRQC
MODC/IRQC		A5	MODB/IRQB
MODB/IRQB		C4	MODA/IRQA
MODA/IRQA			
TIO2		K3	TIO2
TIO1		L2	TIO1
TIO0		L3	TIO0
H7		N2	H7/PB7
H6		N1	H6/PB6
H5		P2	H5/PB5
H4		N3	H4/PB4
H3		P3	H3/PB3
H2		N4	H2/PB2
H1		P4	H1/PB1
H0		M5	H0/PB0
HA2		M2	HA2/HA9/PB10
HA1		M1	HA1/HA8/PB9
HA0		M3	HA0/HAS/PB8
HRW		J2	HRW/HRD/PB11
HDS		J3	HDS/HWR/PB12
HCS		L1	HCS/HA10/PB13
HREQ		K2	HREQ/HTRQ/PB14
HACK		J1	HACK/HRRQ/PB15
CLKOUT		M9	CLKOUT
NMI		D1	NMI/PINIT
PCAP		P5	PCAP
XTAL		M8	XTAL
XTAL		P8	XTAL
E12		E12	DAB17
E13		E13	DAB16
F13		F13	DAB15
F14		F14	DAB14
G12		G12	DAB13
G14		G14	DAB12
H14		H14	DAB11
H13		H13	DAB10
J14		J14	DAB9
K12		K12	DAB7
K14		K14	DAB6
K13		K13	DAB5
L14		L14	DAB4
L13		L13	DAB3
M14		M14	DAB2
M13		M13	DAB1
N14		N14	DAB0
RD		M12	RD
WR		M11	WR
AA3		N7	AA3
AA2		P7	AA2
AA1		P12	AA1
AA0		N13	AA0
TA		P10	TA
BR		N11	BR
BG		P13	BG
BB		P11	BB
CAS		N8	CAS
BCLK		N10	BCLK
BCLK		M10	BCLK
SC00/PC0		F3	SC00
SC01/PC1		D2	SC01
SC02/PC2		C1	SC02
SCK0/PC3		H3	SCK0
SRD0/PC4		E3	SRD0
STD0/PC5		E1	STD0
SC10/PD0		F2	SC10
SC11/PD1		A2	SC11
SC12/PD2		B2	SC12
SCK1/PD3		G1	SCK1
SRD1/PD4		B1	SRD1
STD1/PD5		C2	STD1
RXD/PE0		F1	RXD
TXD/PE1		G3	TXD
SCLK/PE2		G2	SCLK
TDI		B3	TDI
TDO		A4	TDO
C3		D3	C3
DE		C4	DE
TRST		B4	TRST
TMS		A3	TMS



Wireless Subscriber Division
 6501 William Cannon Drive West
 Austin, TX, 78735-8598
 (512)891-6513 FAX: (512)891-7260 MD:OE314

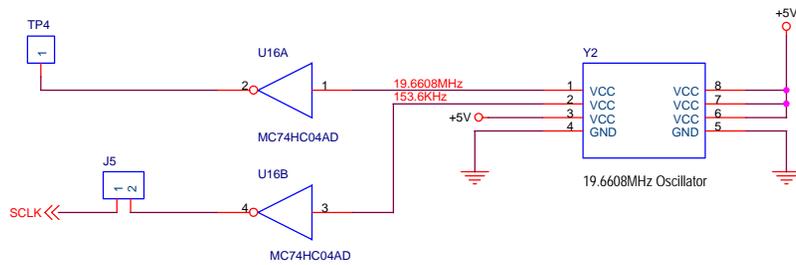
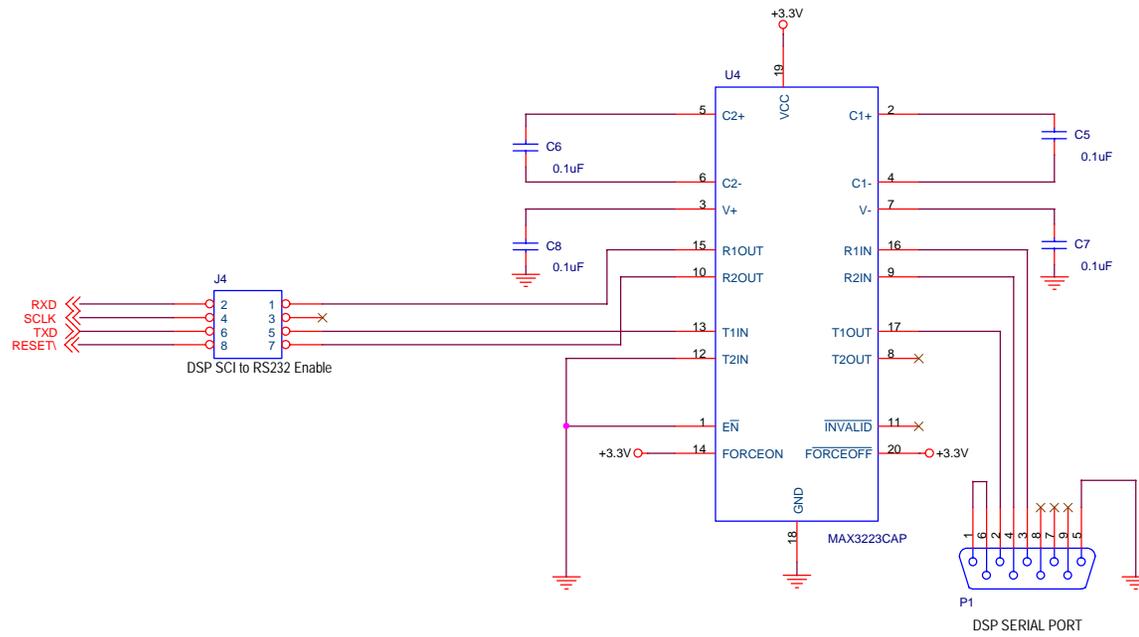
Title **DSP56L307EVM SCHEMATIC DRAWING: CPU**

Size B	Document Number 63A10506S	Date: Wednesday, February 14, 2001	Designer: DSP Tools	Sheet 1 of 8	Rev. 0

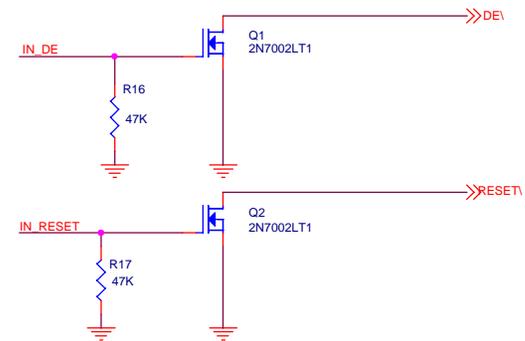
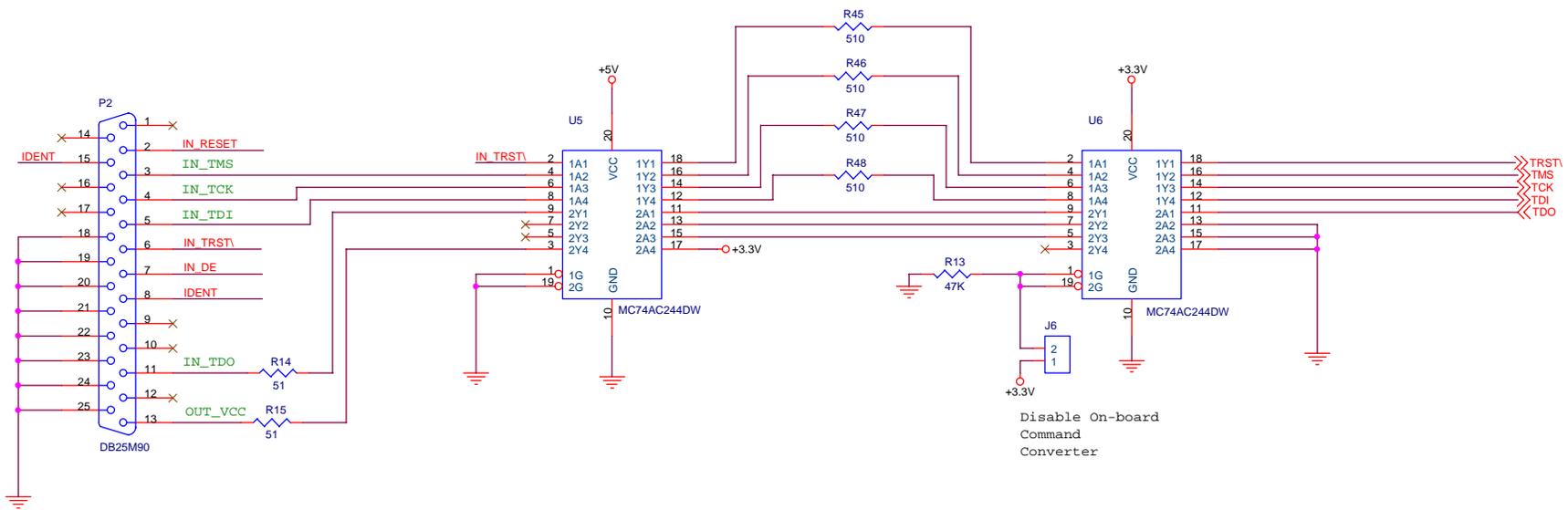


MOTOROLA
Wireless Subscriber Division
 6501 William Cannon Drive West
 Austin, TX, 78735-8598
 (512)891-6513 FAX: (512)891-7260 MD:OE314

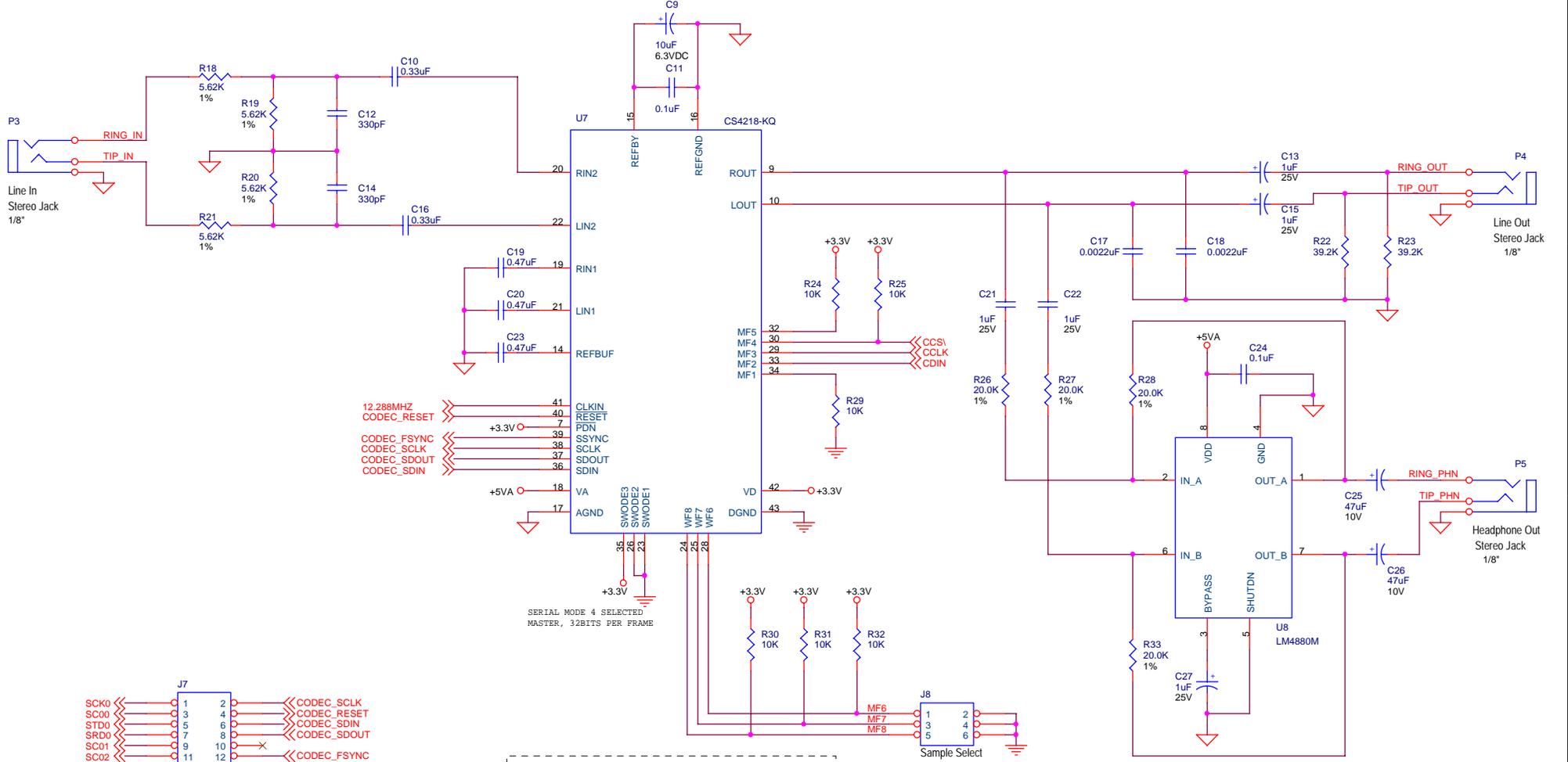
Title DSP56L307EVM SCHEMATIC DRAWING: External Memory			
Size B	Document Number	63A10506S	
	Date: Wednesday, February 14, 2001	Designer: DSP Tools	Sheet 2 of 8
			Rev. 0



 MOTOROLA		Wireless Subscriber Division 6501 William Cannon Drive West Austin, TX, 78735-8598 (512)891-6513 FAX: (512)891-7260 MD:OE314	
		Title DSP56L307EVM SCHEMATIC DRAWING: RS232 Interface	
Size B	Document Number 63A10506S		Rev. 0
	Date: Wednesday, February 14, 2001	Designer: DSP Tools	

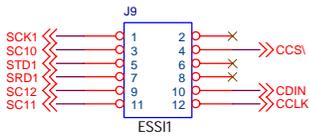
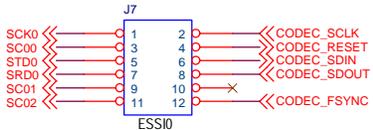


 MOTOROLA		Wireless Subscriber Division 6501 William Cannon Drive West Austin, TX, 78735-8598 (512)891-6513 FAX: (512)891-7260 MD:OE314		
		Title DSP56L307EVM SCHEMATIC DRAWING: Command Converter		
Size B	Document Number	63A10506S		Rev. 0
	Date: Wednesday, February 14, 2001	Designer: DSP Tools	Sheet 4 of 8	



12.288MHZ
CODEC_RESET
CODEC_FSYNC
CODEC_SCLK
CODEC_SDOUT
CODEC_SDIN

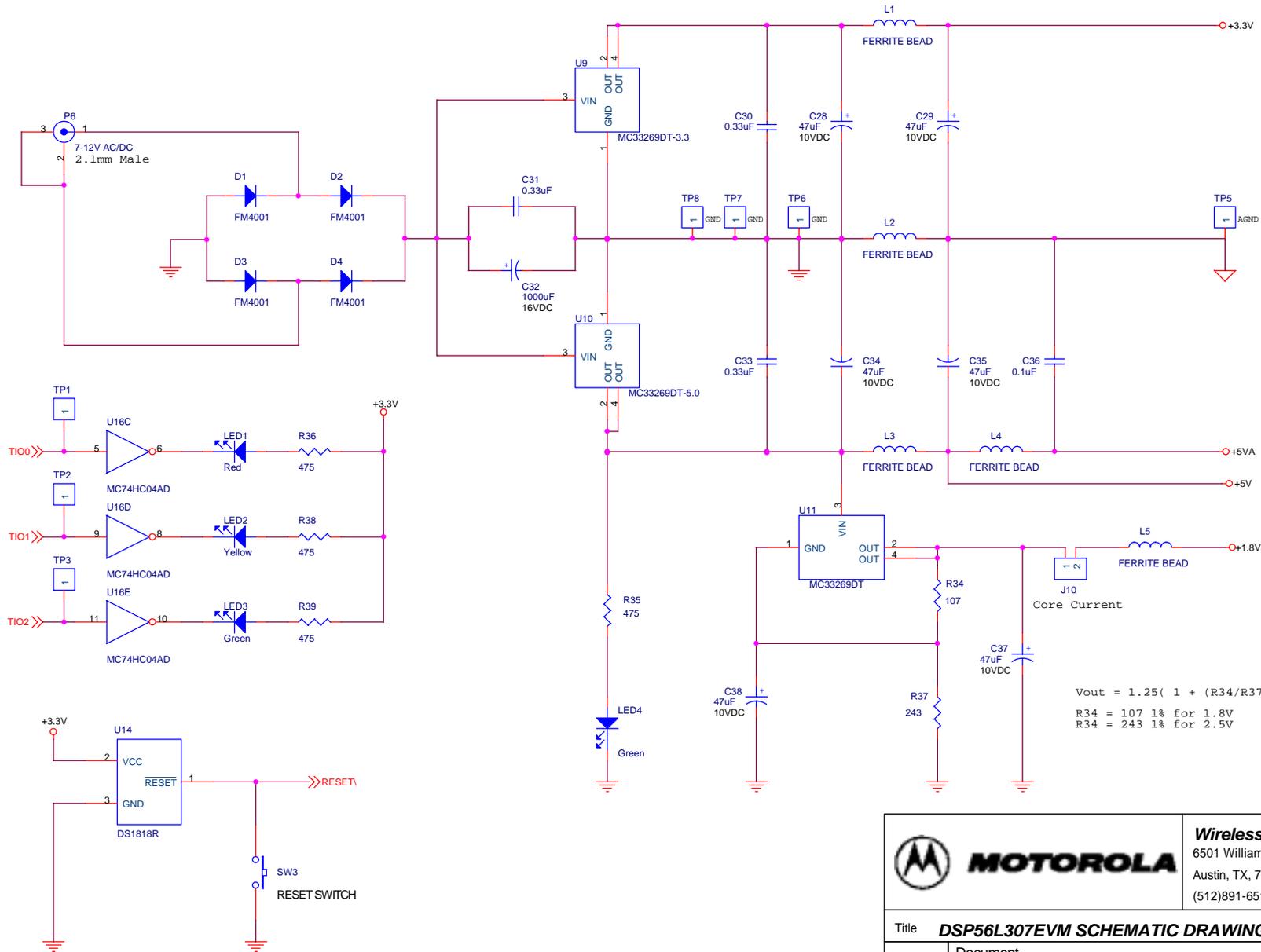
SERIAL MODE 4 SELECTED
MASTER, 32BITS PER FRAME



MF6	MF7	MF8	FS (KHZ)
0	0	0	48.00
0	0	1	32.00
0	1	0	24.00
0	1	1	19.20
1	0	0	16.00
1	0	1	12.00
1	1	0	9.60
1	1	1	8.00

Wireless Subscriber Division
6501 William Cannon Drive West
Austin, TX, 78735-8598
(512)891-6513 FAX: (512)891-7260 MD:OE314

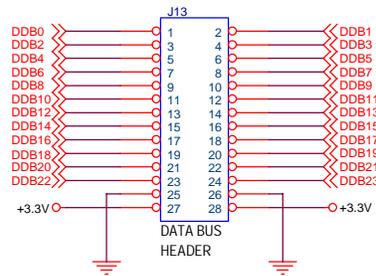
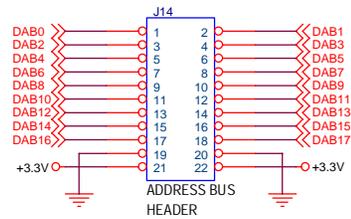
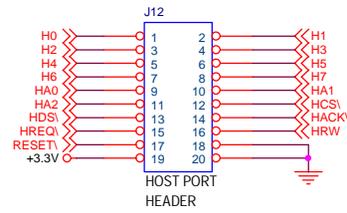
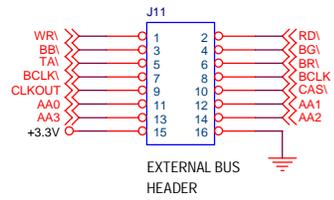
Title DSP56L307EVM SCHEMATIC DRAWING: Audio Codec			
Size B	Document Number 63A 10506S	Rev. 0	
	Date: Wednesday, February 14, 2001	Designer: DSP Tools	Sheet 5 of 8



$$V_{out} = 1.25 \left(1 + \left(\frac{R34}{R37} \right) \right)$$

$R34 = 107 \text{ } \Omega$ for 1.8V
 $R34 = 243 \text{ } \Omega$ for 2.5V

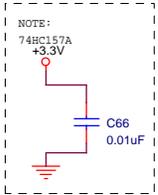
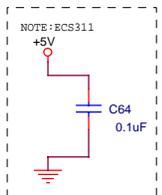
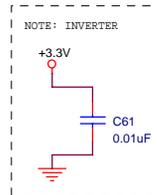
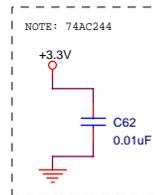
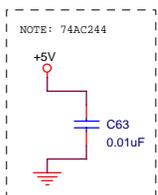
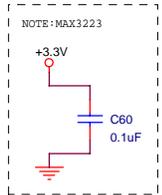
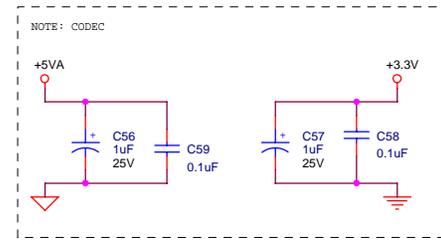
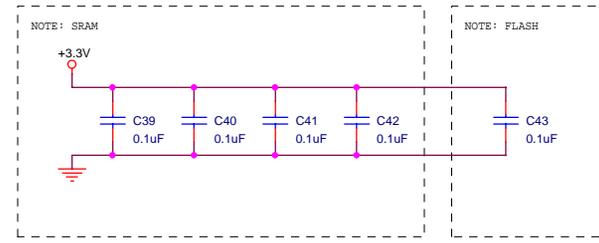
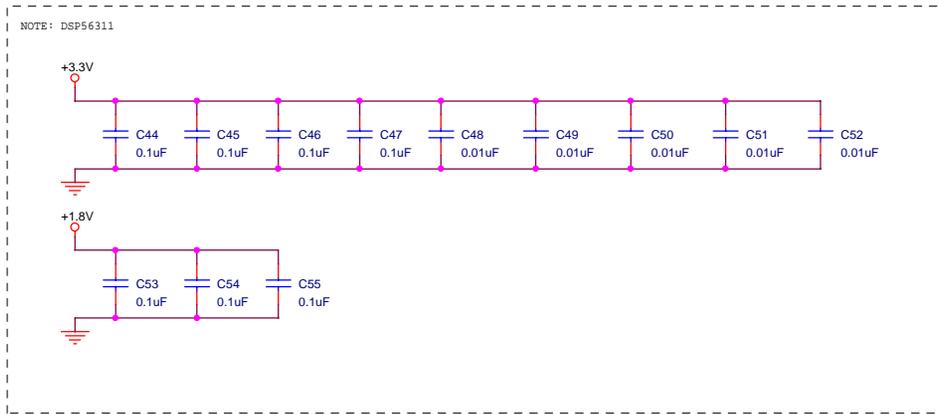
 MOTOROLA		Wireless Subscriber Division 6501 William Cannon Drive West Austin, TX, 78735-8598 (512)891-6513 FAX: (512)891-7260 MD:OE314			
		Title DSP56L307EVM SCHEMATIC DRAWING: Power Supply			
Size	Document Number	Date: Wednesday, February 14, 2001	Designer: DSP Tools	Sheet 6 of 8	Rev. 0
B	63A10506S				



Wireless Subscriber Division
6501 William Cannon Drive West
Austin, TX, 78735-8598
(512)891-6513 FAX: (512)891-7260 MD:OE314

Title **DSP56L307EVM SCHEMATIC DRAWING: Port Headers**

Size B	Document Number	63A10506S		Rev. 0
	Date: Wednesday, February 14, 2001	Designer: DSP Tools	Sheet 7 of 8	



 MOTOROLA		Wireless Subscriber Division 6501 William Cannon Drive West Austin, TX, 78735-8598 (512)891-6513 FAX: (512)891-7260 MD:OE314	
		Title DSP56L307EVM SCHEMATIC DRAWING: Bypass Capacitors	
Size B	Document Number 63A10506S		Rev. 0
	Date: Wednesday, February 14, 2001	Designer: DSP Tools	