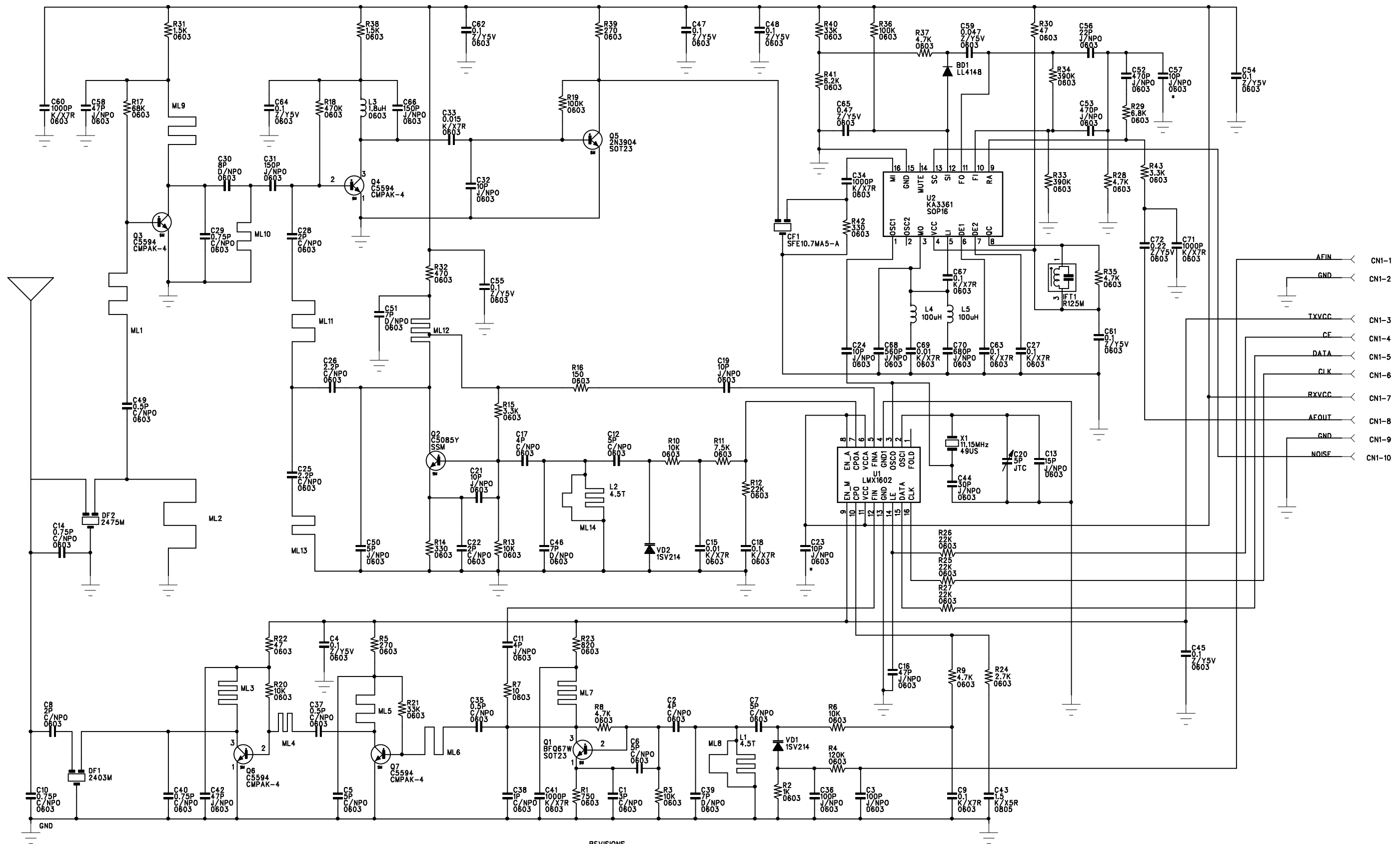
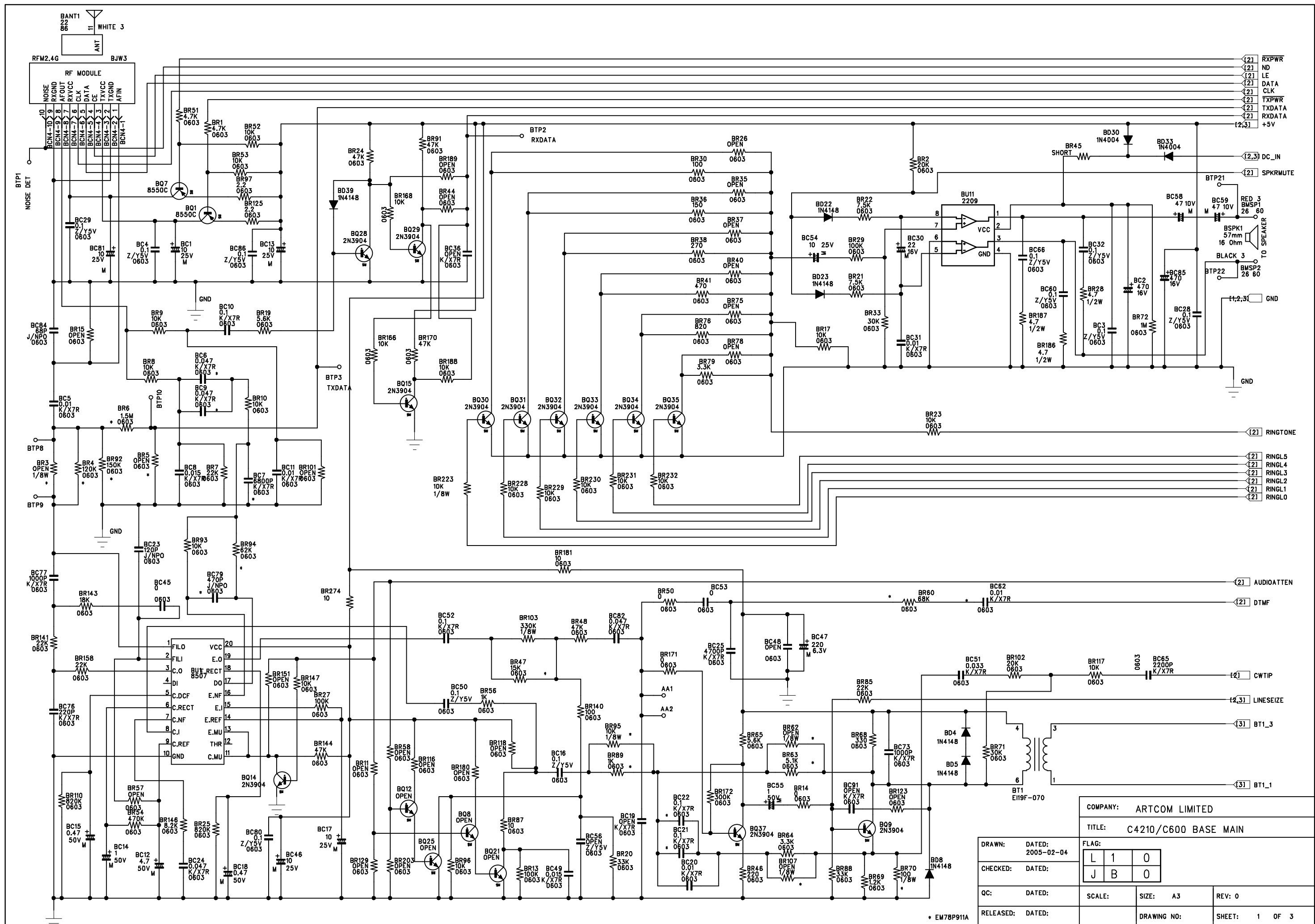
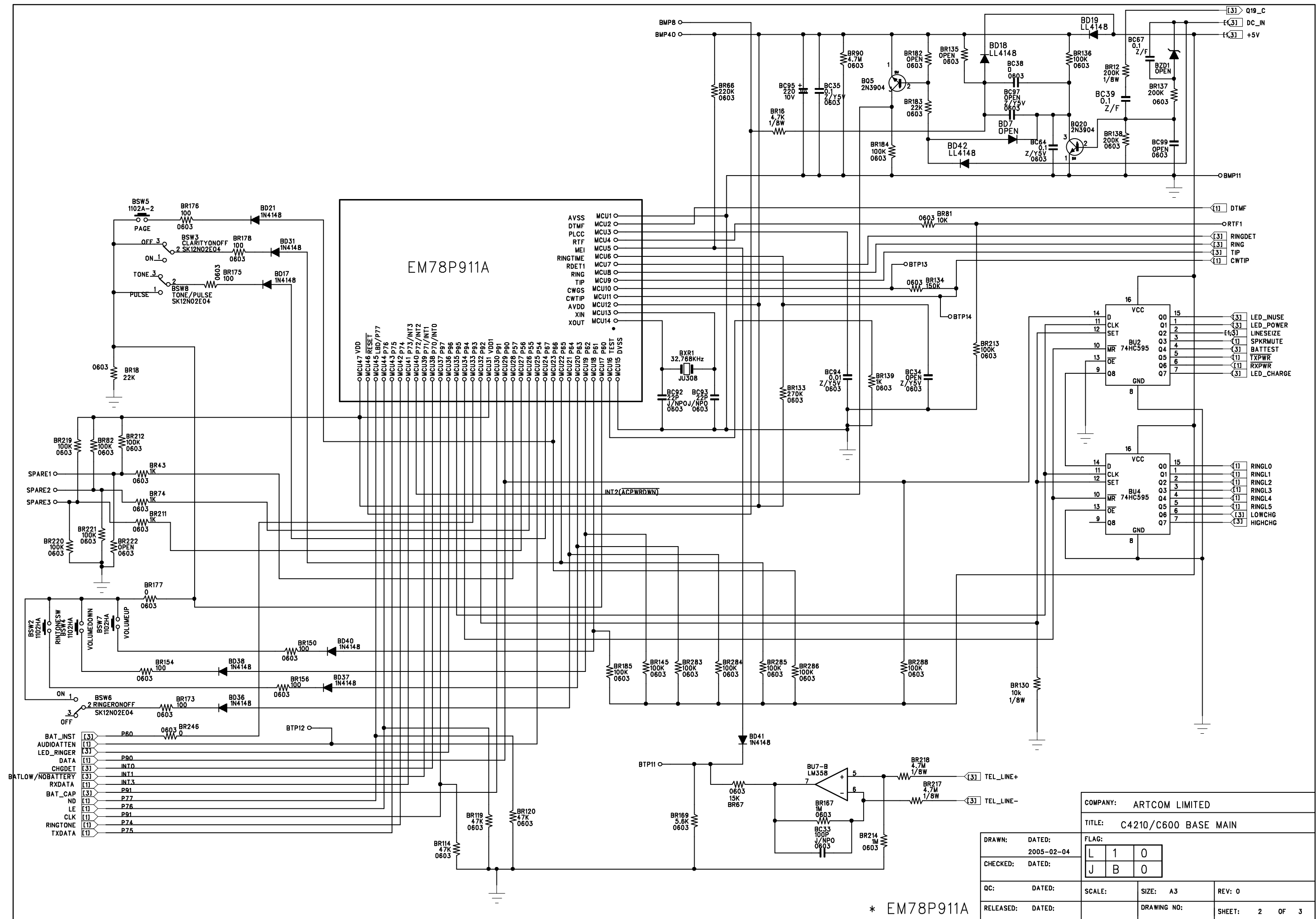


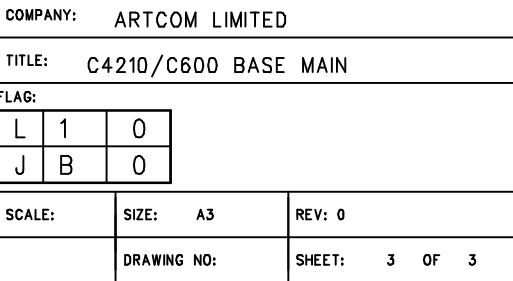


REVISIONS
DATE: 2005-02-21
1. C11 10P CHANGE TO 4P
2. R1 620 CHANGE TO 750.

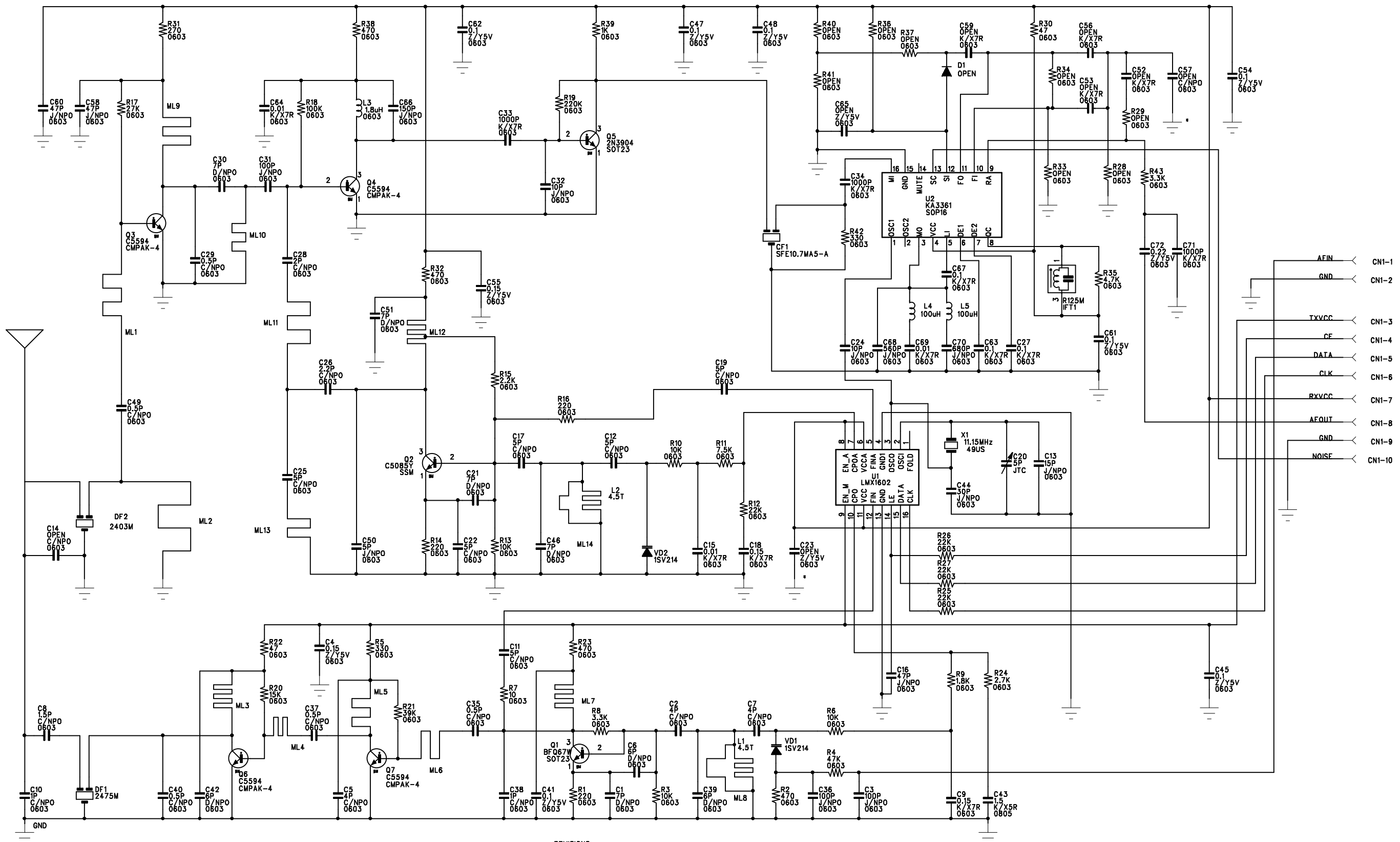
DRAWN: R&D	DATED: 2005-02-21	COMPANY: ARTCOM LIMITED		
		TITLE: ARTCOM RF MODULE(BASE)		
CHECKED:	DATED:	PCB FILE:	L 0 0	
QUALITY CONTROL:	DATED:		J 0 0	
RELEASED:	DATED:	SCALE:	SIZE: A3	REV: 0
		CODE:	DRAWING NO:	SHEET: 1 OF 1





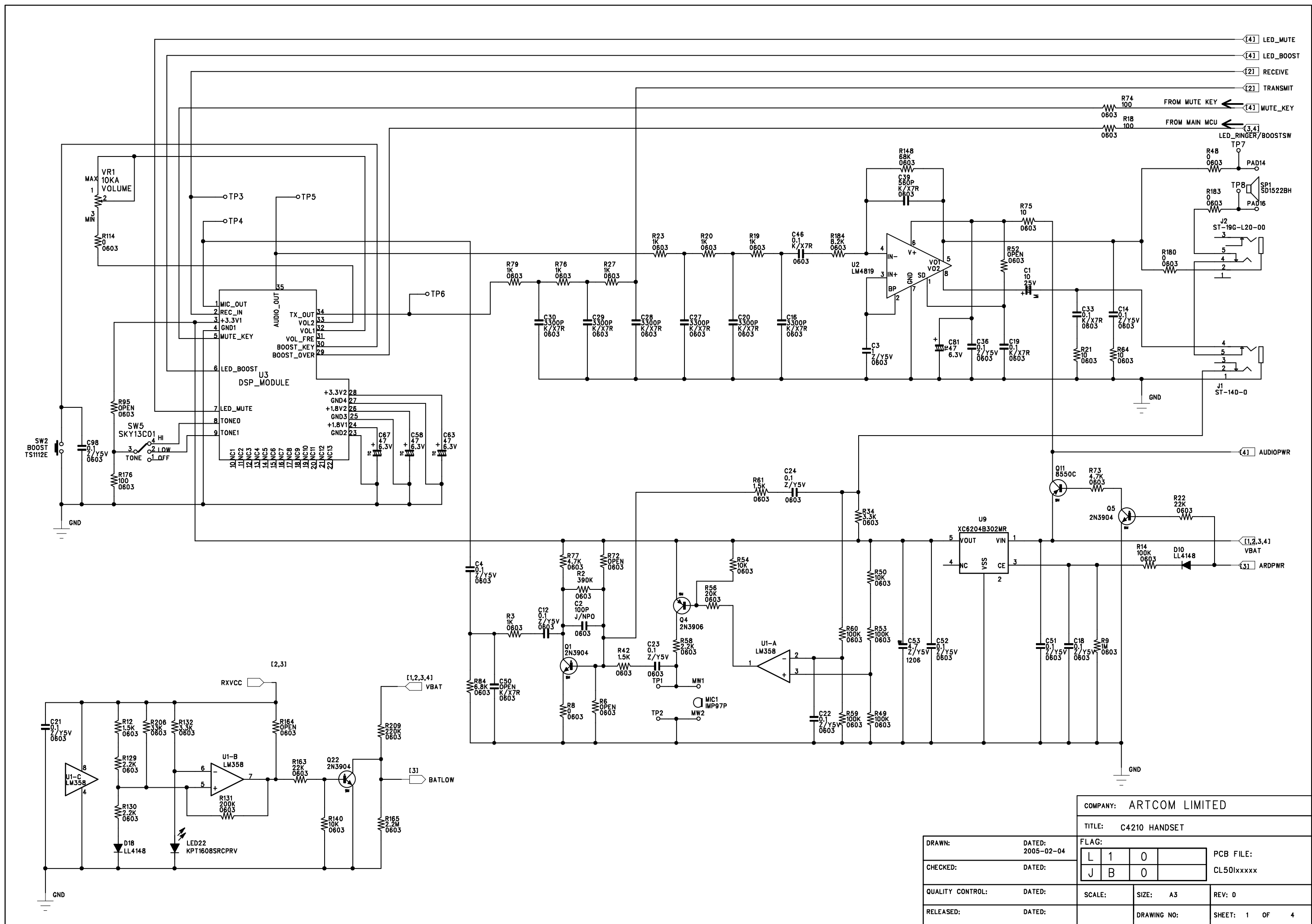


* EM78P911A

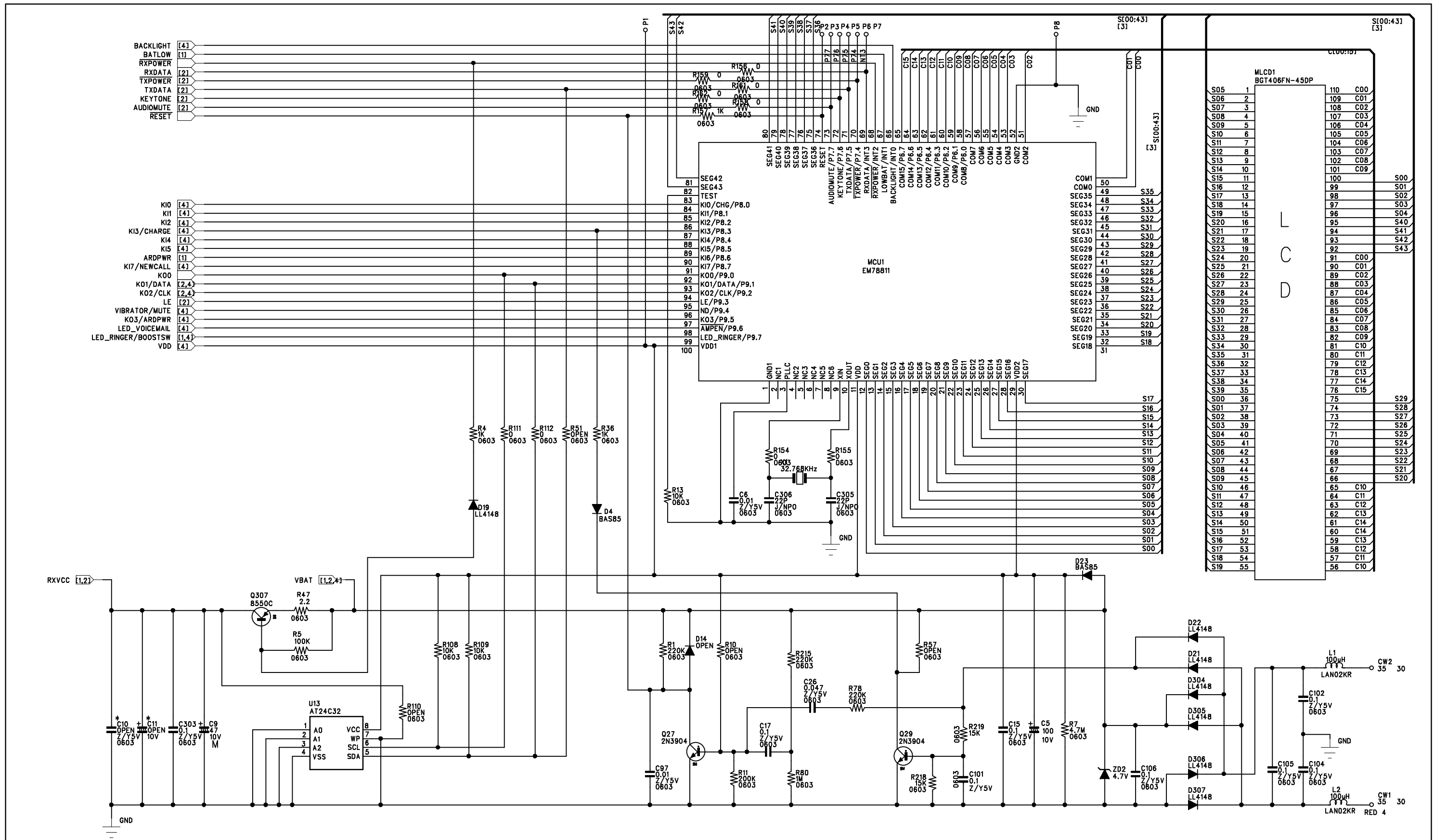


REVISIONS
ECN 02/05/02
1. C12 4P CHANGE TO 5P
2. C44 20P CHANGE TO 24P
ECN 04/13/02
1. VD1 VD2 KDV154C CHANGE TO 1SV214
ECN 04/18/02
1. C51 3P CHANGE TO 7P

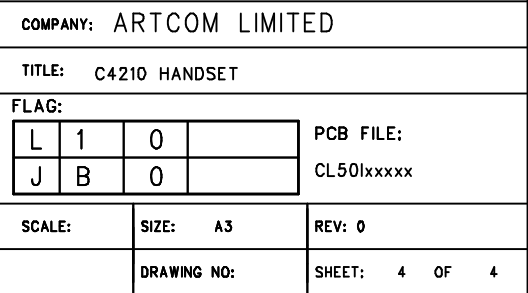
DRAWN: R&D	DATED: 2005-01-06	COMPANY: ARTCOM LIMITED		
		TITLE: ARTCOM RF MODULE(HANDSET)		
CHECKED:	DATED:	PCB FILE:		
QUALITY CONTROL:	DATED:	SCALE: SIZE: A3 REV: 0		
RELEASED:	DATED:	CODE:	DRAWING NO:	SHEET: 1 OF 1

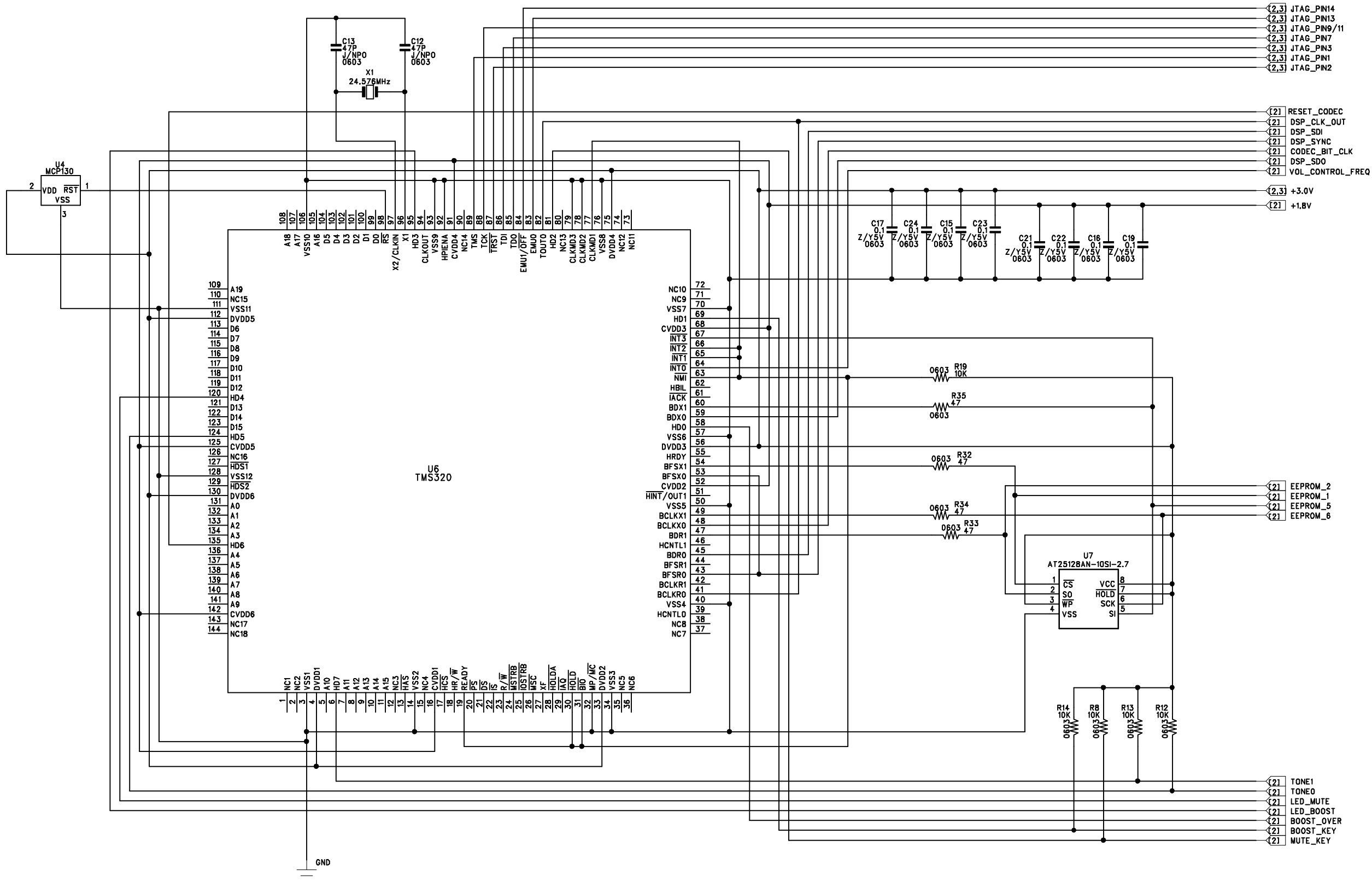


COMPANY: ARTCOM LIMITED				
TITLE: C4210 HANDSET				
DRAWN:	DATED: 2005-02-04	FLAG:		
		L	1	0
CHECKED:	DATED:	J	B	0
		PCB FILE: CL50Ixxxxx		
QUALITY CONTROL:	DATED:	SCALE:	SIZE: A3	REV: 0
RELEASED:	DATED:	DRAWING NO:	SHEET: 1 OF 4	

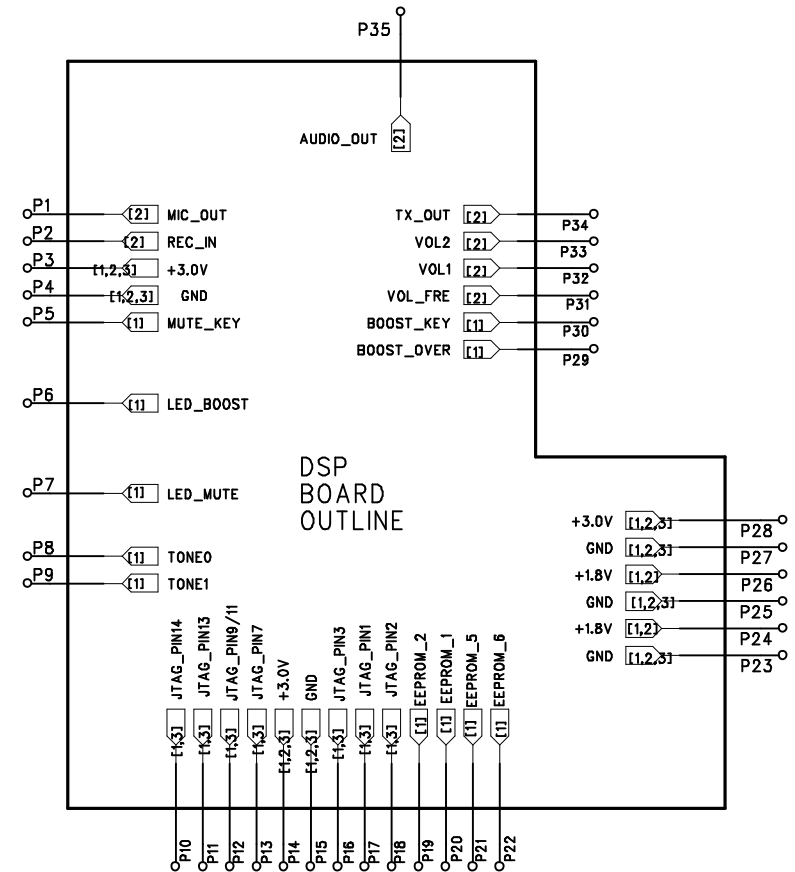
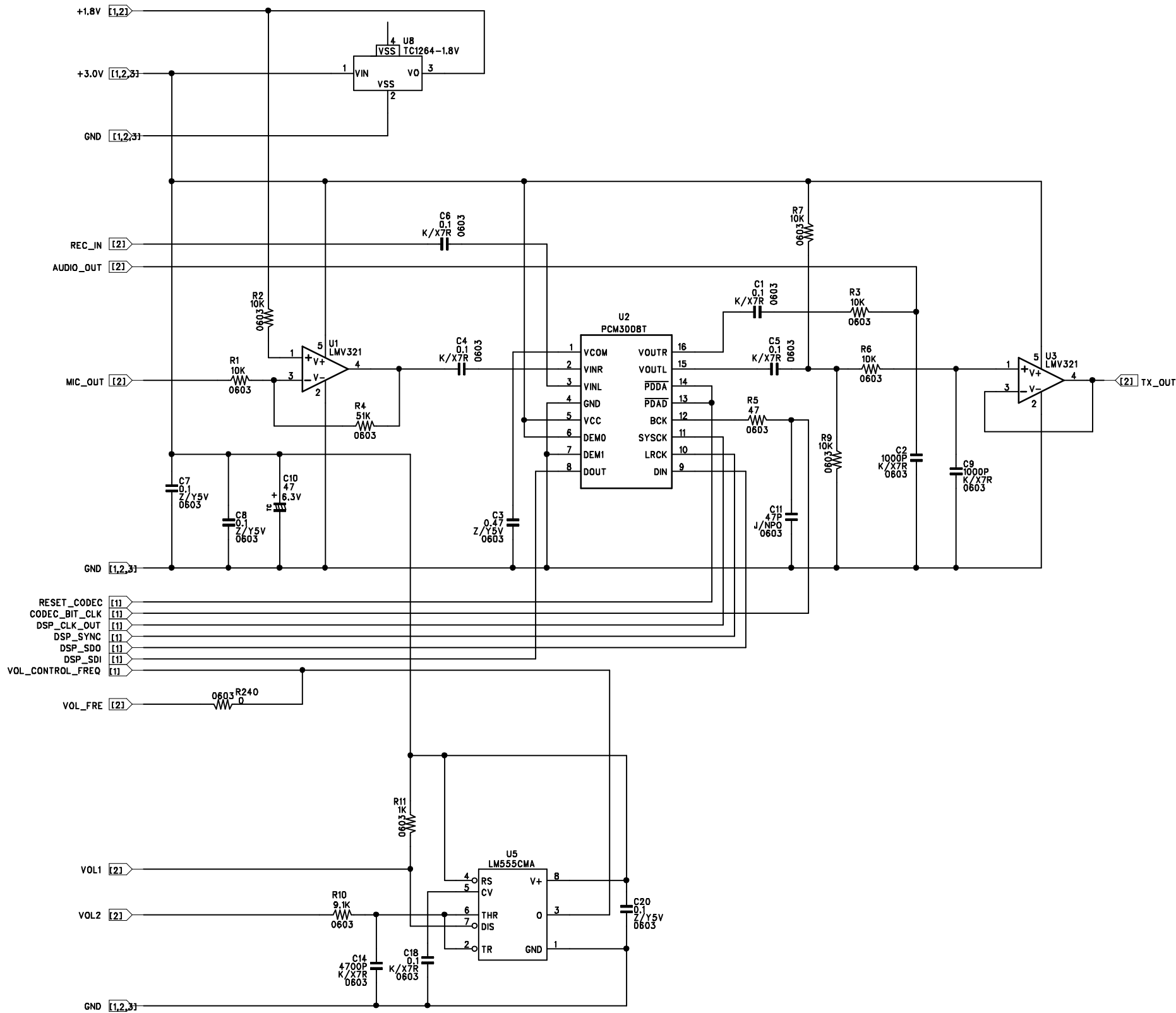


		COMPANY: ARTCOM LIMITED			
		TITLE: C4210 HANSET			
DRAWN:	DATED: 2005-02-04	FLAG:			
		L 1 0		PCB FILE:	
CHECKED:	DATED:	J B 0		CL501xxxxx	
QUALITY CONTROL:	DATED:	SCALE:	SIZE: A3	REV: 0	
RELEASED:	DATED:		DRAWING NO:	SHEET: 3 OF 4	



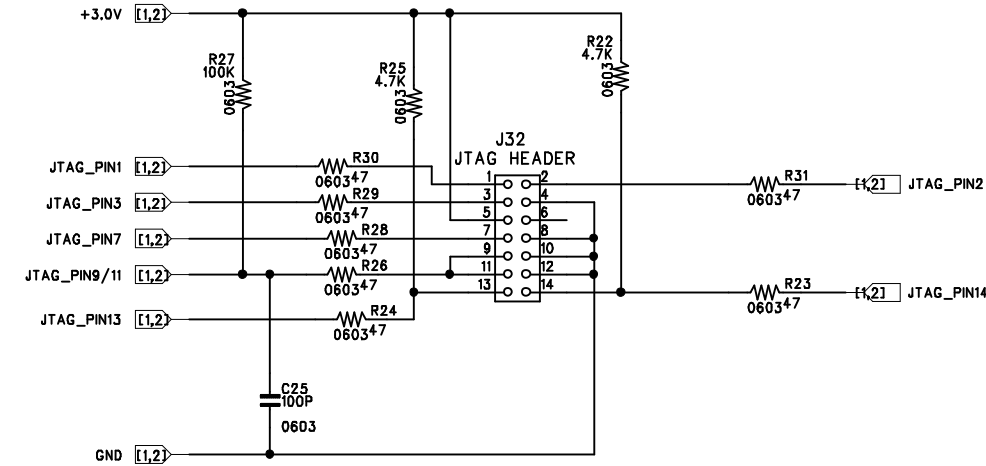
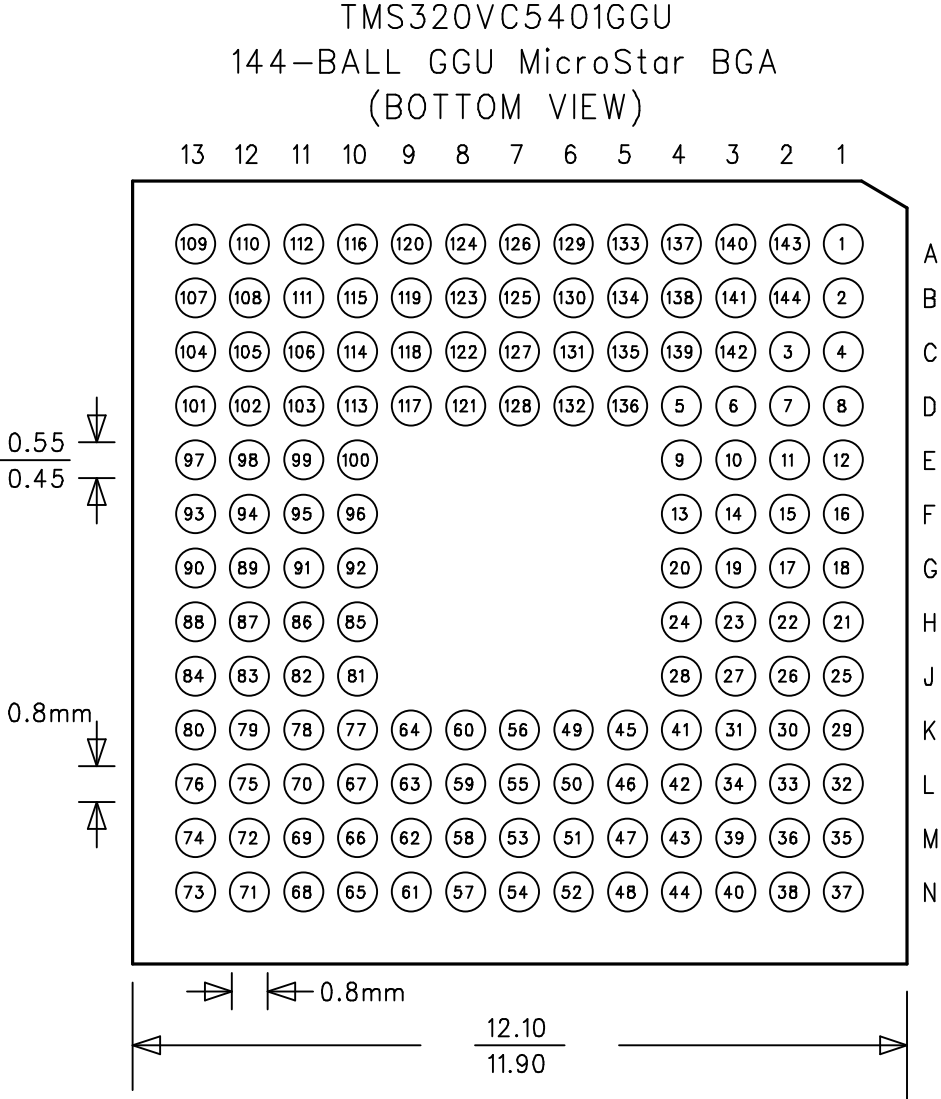


COMPANY: ARTCOM LIMITED			
TITLE: DSP MODULE			
FLAG:			
L	1	0	PCB FILE: DSP MODULE
J	B	0	
QUALITY CONTROL:		SCALE:	SIZE: A3
RELEASED:		DRAWING NO:	REV: 0
		SHEET: 1	OF 3



DRAWN:		DATED:		FLAG:		PCB FILE:	
CHECKED:		DATED:		L 1 0		DSP MODULE	
J B 0		QUALITY CONTROL:		DATED:		REV: 0	
RELEASED:		DATED:		SCALE:		SIZE: A3	
				DRAWING NO:		SHEET: 2 OF 3	

SIGNAL NAME	BGA BALL #	QFP PIN #	SIGNAL NAME	BGA BALL #	QFP PIN #	SIGNAL NAME	BGA BALL #	QFP PIN #	SIGNAL NAME	BGA BALL #	QFP PIN #
NC	A1	1	NC	N13	73	NC	N1	37	A19	A13	109
NC	B1	2	NC	M13	74	NC	N2	38	NC	A12	110
VSS	C2	3	DVDD	L12	75	HCNTL0	M3	39	VSS	B11	111
DVDD	C1	4	VSS	L13	76	VSS	N3	40	DVDD	A11	112
A10	D4	5	CLKMD1	K10	77	BCLKR0	K4	41	D6	D10	113
HD7	D3	6	CLKMD2	K11	78	BCLKR1	L4	42	D7	C10	114
A11	D2	7	CLKMD3	K12	79	BFSR0	M4	43	D8	B10	115
A12	D1	8	NC	K13	80	BFSR1	N4	44	D9	A10	116
A13	E4	9	HD2	J10	81	BDR0	K5	45	D10	D9	117
A14	E3	10	TOUT0	J11	82	HCNTL1	L5	46	D11	C9	118
A15	E2	11	EMU0	J12	83	BDR1	M5	47	D12	B9	119
NC	E1	12	EMU1/0FF	J13	84	BCLKX0	N5	48	HD4	A9	120
HAS	F4	13	TDO	H10	85	BCLKX1	K6	49	D13	D8	121
VSS	F3	14	TDI	H11	86	VSS	L6	50	D14	C8	122
NC	F2	15	TRST	H12	87	HINT/TOUT1	M6	51	D15	B8	123
CVDD	F1	16	TCK	H13	88	CVDD	N6	52	HD5	A8	124
HCS	G2	17	TMS	G12	89	BFSX0	M7	53	CVDD	B7	125
HR/W	G1	18	NC	G13	90	BFSX1	N7	54	NC	A7	126
READY	G3	19	CVDD	G11	91	HRDY	L7	55	HDS1	C7	127
PS	G4	20	HPIENA	G10	92	DVDD	K7	56	VSS	D7	128
DS	H1	21	VSS	F13	93	VSS	N8	57	HDS2	A6	129
IS	H2	22	CLKOUT	F12	94	HD0	M8	58	DVDD	B6	130
R/W	H3	23	HD3	F11	95	BDX0	L8	59	A0	C6	131
MSTRB	H4	24	X1	F10	96	BDX1	K8	60	A1	D6	132
IQSTRB	J1	25	X2/CLKIN	E13	97	IACK	N9	61	A2	A5	133
MSC	J2	26	RS	E12	98	HBIL	M9	62	A3	B5	134
XF	J3	27	D0	E11	99	NMI	L9	63	HD6	C5	135
HOLDA	J4	28	D1	E10	100	INT0	K9	64	A4	D5	136
IAQ	K1	29	D2	D13	101	INT1	N10	65	A5	A4	137
HOLD	K2	30	D3	D12	102	INT2	M10	66	A6	B4	138
BIO	K3	31	D4	D11	103	INT3	L10	67	A7	C4	139
MP/MC	L1	32	D5	C13	104	CVDD	N11	68	A8	A3	140
DVDD	L2	33	A16	C12	105	HD1	M11	69	A9	B3	141
VSS	L3	34	VSS	C11	106	VSS	L11	70	CVDD	C3	142
NC	M1	35	A17	B13	107	NC	N12	71	NC	A2	143
NC	M2	36	A18	B12	108	NC	M12	72	NC	B2	144



DRAWN:		DATED:		COMPANY:	
CHECKED:		DATED:		ARTCOM LIMITED	
QUALITY CONTROL:		DATED:		TITLE:	
RELEASED:		DATED:		DSP MODULE	
				FLAG:	
				L 1 0	
				J B 0	
				PCB FILE:	
				DSP MODULE	
				SCALE:	
				SIZE: A3	
				REV: 0	
				DRAWING NO:	
				SHEET: 3 OF 3	