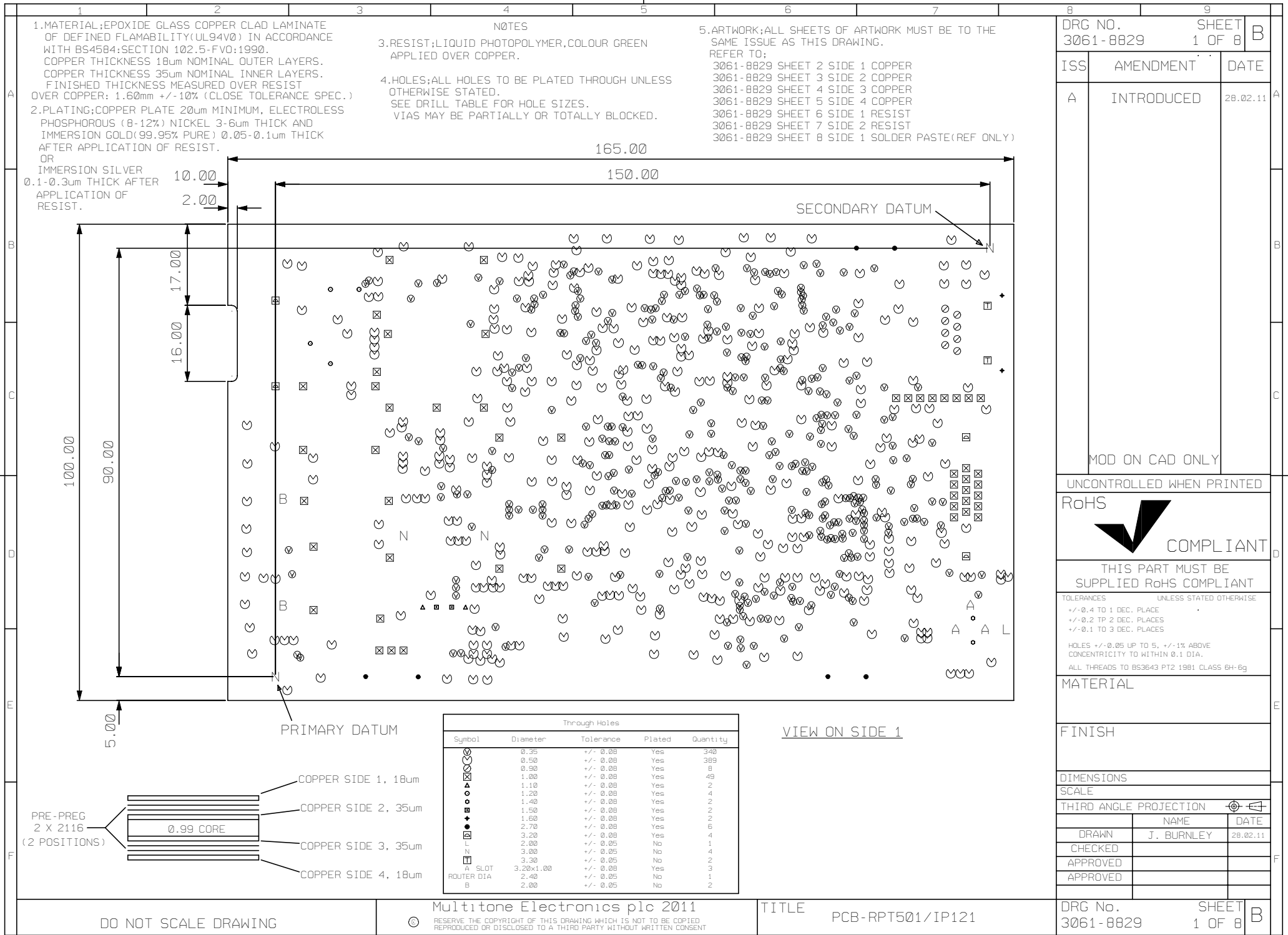
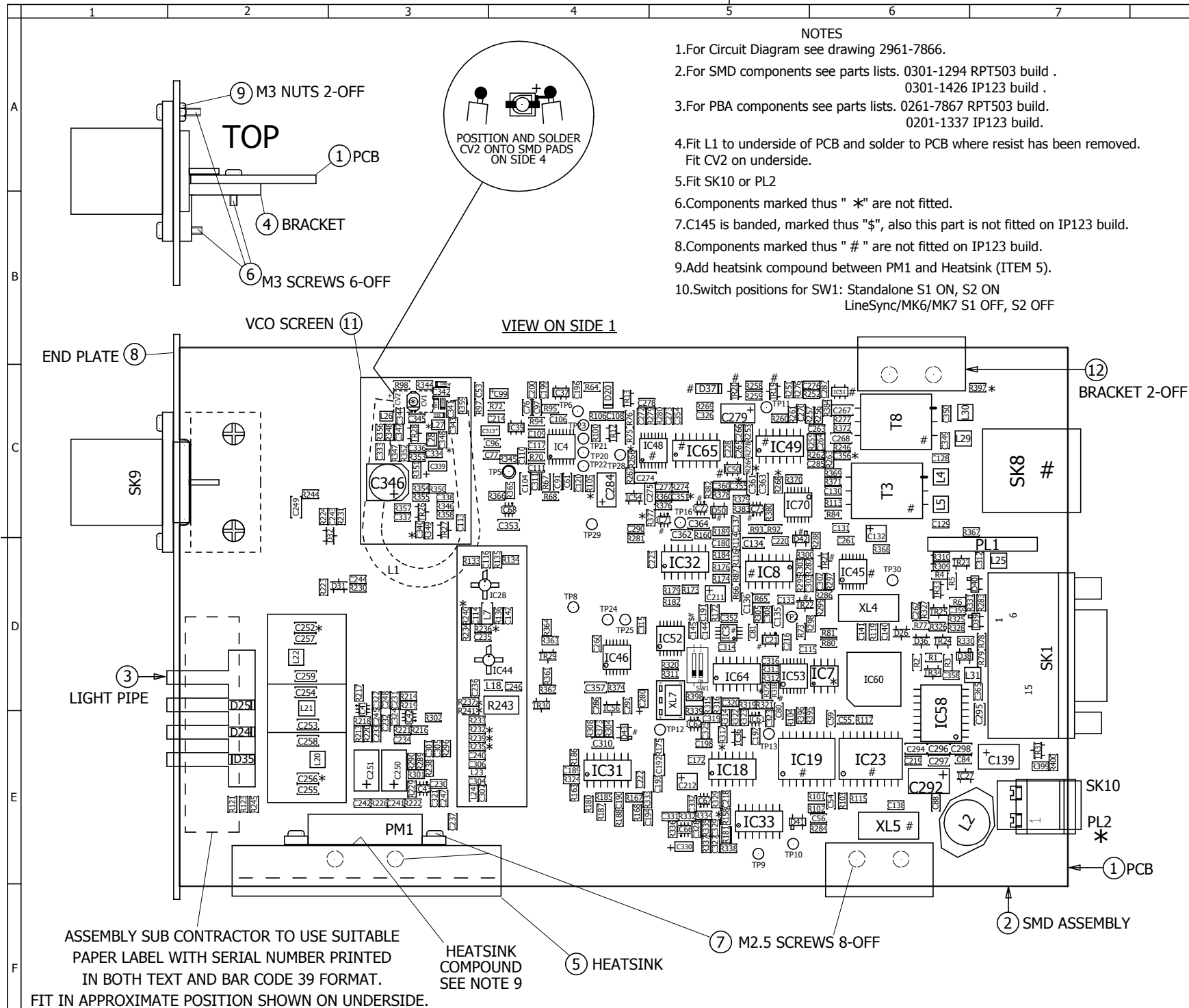






NOTES

- 1.For Circuit Diagram see drawing 2961-7866.
- 2.For SMD components see parts lists. 0301-1294 RPT503 build . 0301-1426 IP123 build .
- 3.For PBA components see parts lists. 0261-7867 RPT503 build. 0201-1337 IP123 build.
- 4.Fit L1 to underside of PCB and solder to PCB where resist has been removed. Fit CV2 on underside.
- 5.Fit SK10 or PL2
- 6.Components marked thus " *" are not fitted.
- 7.C145 is banded, marked thus "\$", also this part is not fitted on IP123 build.
- 8.Components marked thus " #" are not fitted on IP123 build.
- 9.Add heatsink compound between PM1 and Heatsink (ITEM 5).
- 10.Switch positions for SW1: Standalone S1 ON, S2 ON LineSync/MK6/MK7 S1 OFF, S2 OFF

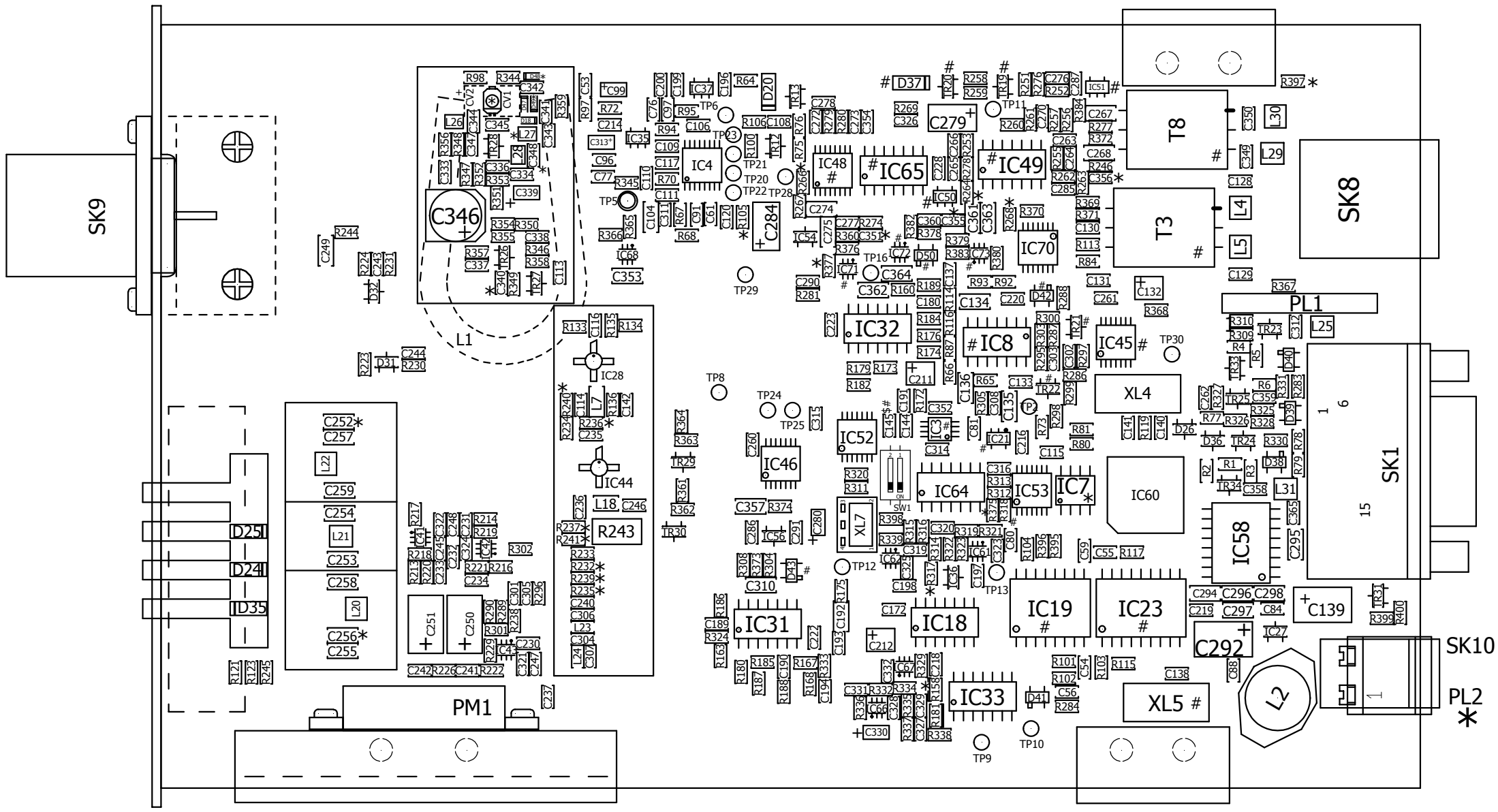
DRG NO. 0261-7867		SHEET 1 OF 1	B
ISS	AMENDMENT	DATE	
A	INTRODUCED	08.07.05	
B	DCN 2809	02.10.05	
C	DCN 2813	12.01.06	
D	DCN 2816	17.02.06	
E	DCN 2822	14.07.06	
F	DCN 2824	14.09.06	
G	DCN 2839	12.01.07	
1	PRODUCTION ISSUE	09.03.07	
2	CN 10961	17.05.07	
3	CN 11019	30.08.07	
4	CN 11042	19.09.07	
5	CN 11103	06.11.07	
6	CN 11142	06.12.07	
7	CN 11244	21.02.08	
8	CN 11670 CN 11793	04.06.09	
9	CN 11818	29.06.09	
10	CN 11942	23.12.09	
11	CN 12245	19.01.11	
12	CN 12278	10.05.11	
MOD ON CAD ONLY			
UNCONTROLLED WHEN PRINTED			
RoHS  COMPLIANT THIS PART MUST BE SUPPLIED RoHS COMPLIANT			
TOLERANCES UNLESS STATED OTHERWISE +/-0.4 TO 1 DEC. PLACE +/-0.2 TP 2 DEC. PLACES +/-0.1 TO 3 DEC. PLACES HOLES +/-0.05 UP TO 5, +/-1% ABOVE CONCENTRICITY TO WITHIN 0.1 DIA. ALL THREADS TO BS3643 PT2 1981 CLASS 6H-6g			
MATERIAL			
FINISH			
DIMENSIONS			
SCALE			
THIRD ANGLE PROJECTION			
	NAME	DATE	
DRAWN	J. BURNLEY	08.07.05	
CHECKED	W. BARKER	09.03.07	
APPROVED	W. BARKER	09.03.07	
APPROVED	T. HUNT	09.03.07	
DRG No. 0261-7867		SHEET 1 OF 1	B

Multitone Electronics plc 2006

© RESERVE THE COPYRIGHT OF THIS DRAWING WHICH IS NOT TO BE COPIED REPRODUCED OR DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN CONSENT

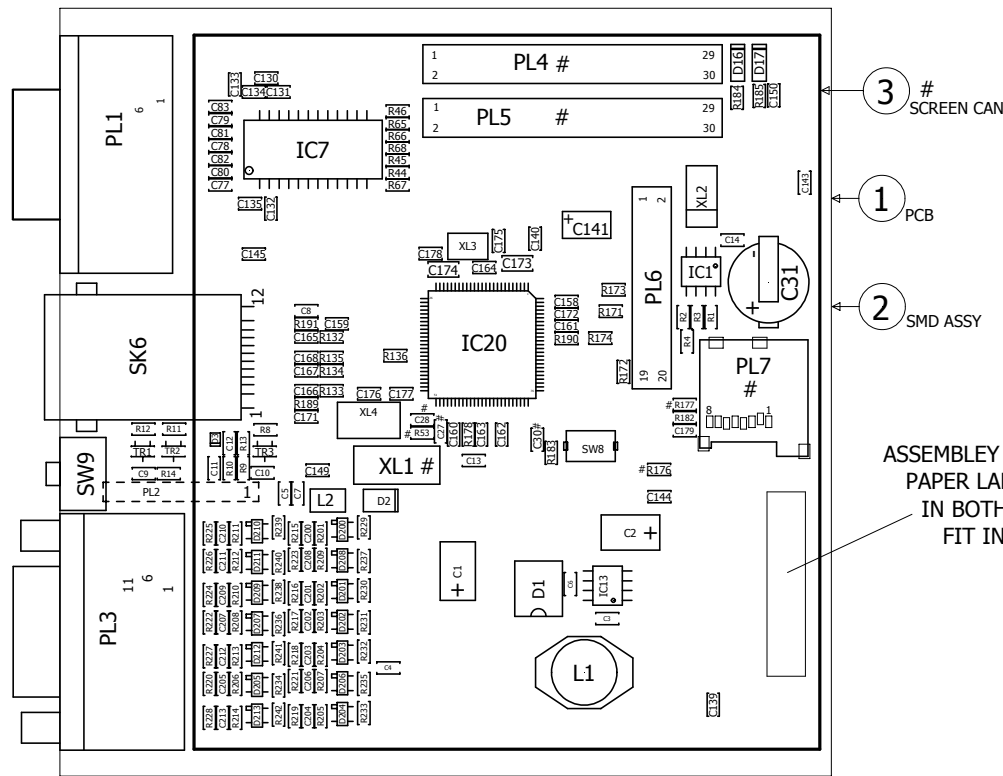
TITLE

ASSEMBLY-RPT503/IP123



NOTES

1. FOR CIRCUIT DIAGRAM SEE DRAWING 2961-8698.
2. FOR COMPONENTS SEE FOLLOWING LISTS:
SMA 0301-1495
PBA 0261-8699
3. COMPONENTS MARKED THUS "#" ARE NOT FITTED.
4. PL2 IS MOUNTED ON SIDE 4.



VIEW ON SIDE 1

ASSEMBLY SUB CONTRACTOR TO USE SUITABLE
PAPER LABEL WITH SERIAL NUMBER PRINTED
IN BOTH TEXT AND BAR CODE 39 FORMAT.
FIT IN APPROXIMATE POSITION SHOWN.

UNCONTROLLED WHEN PRINTED

TOLERANCES UNLESS STATED OTHERWISE
 +/-0.4 TO 1 DEC PLACE
 +/-0.2 TO 2 DEC PLACES
 +/-0.1 TO 3 DEC PLACES

HOLES +/-0.05 UP TP 5, +/-1% ABOVE
CONCENTRICITY TO WITHIN 0.1 DIA

ANGLES +/-0.5DEG

ALL THREADS TO BS3643 PT2 1981 6H-6g

[illegible]

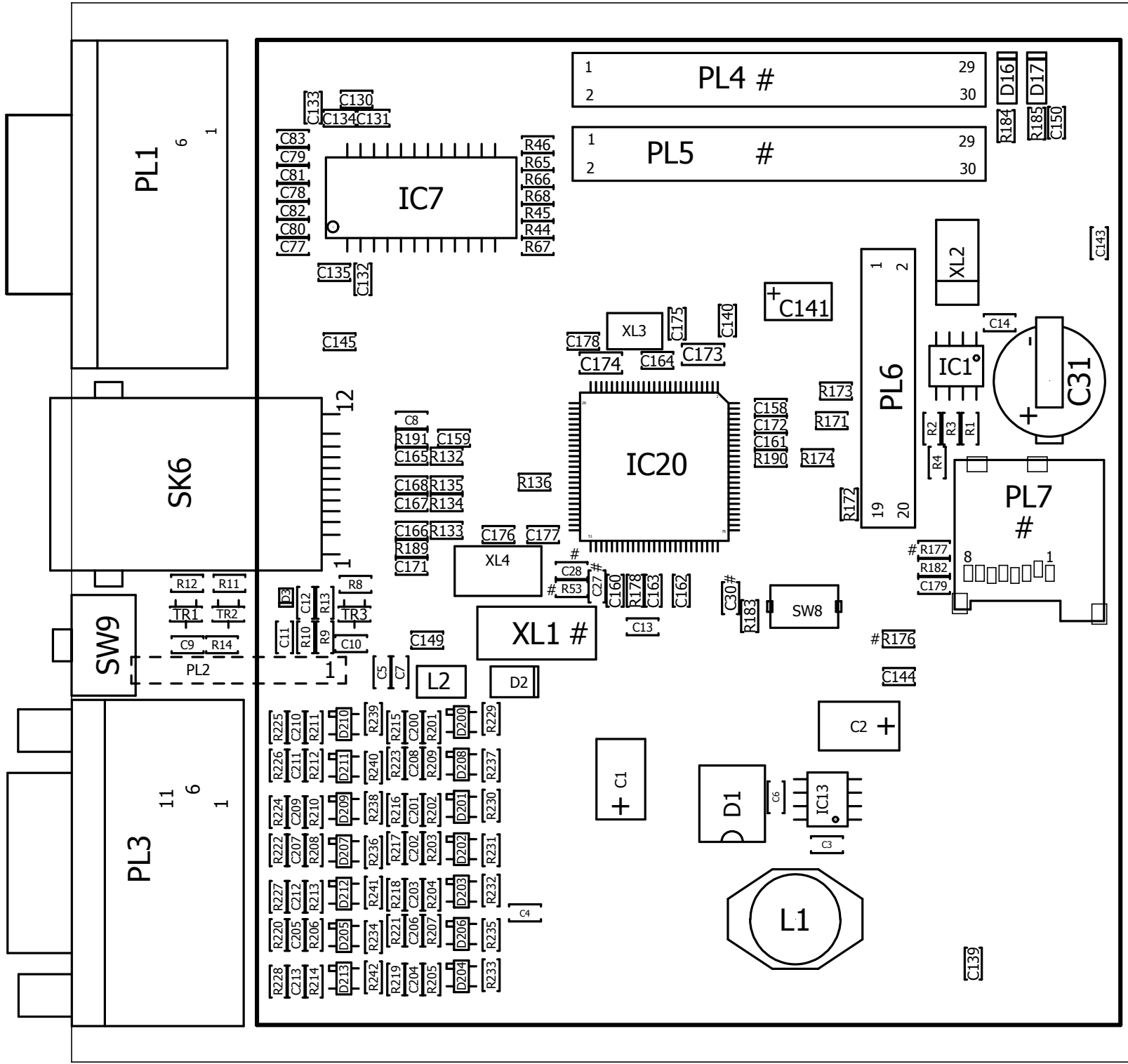
FINISH

DIMENSIONS IN mm

SCALE

THIRD ANGLE PROJECTION

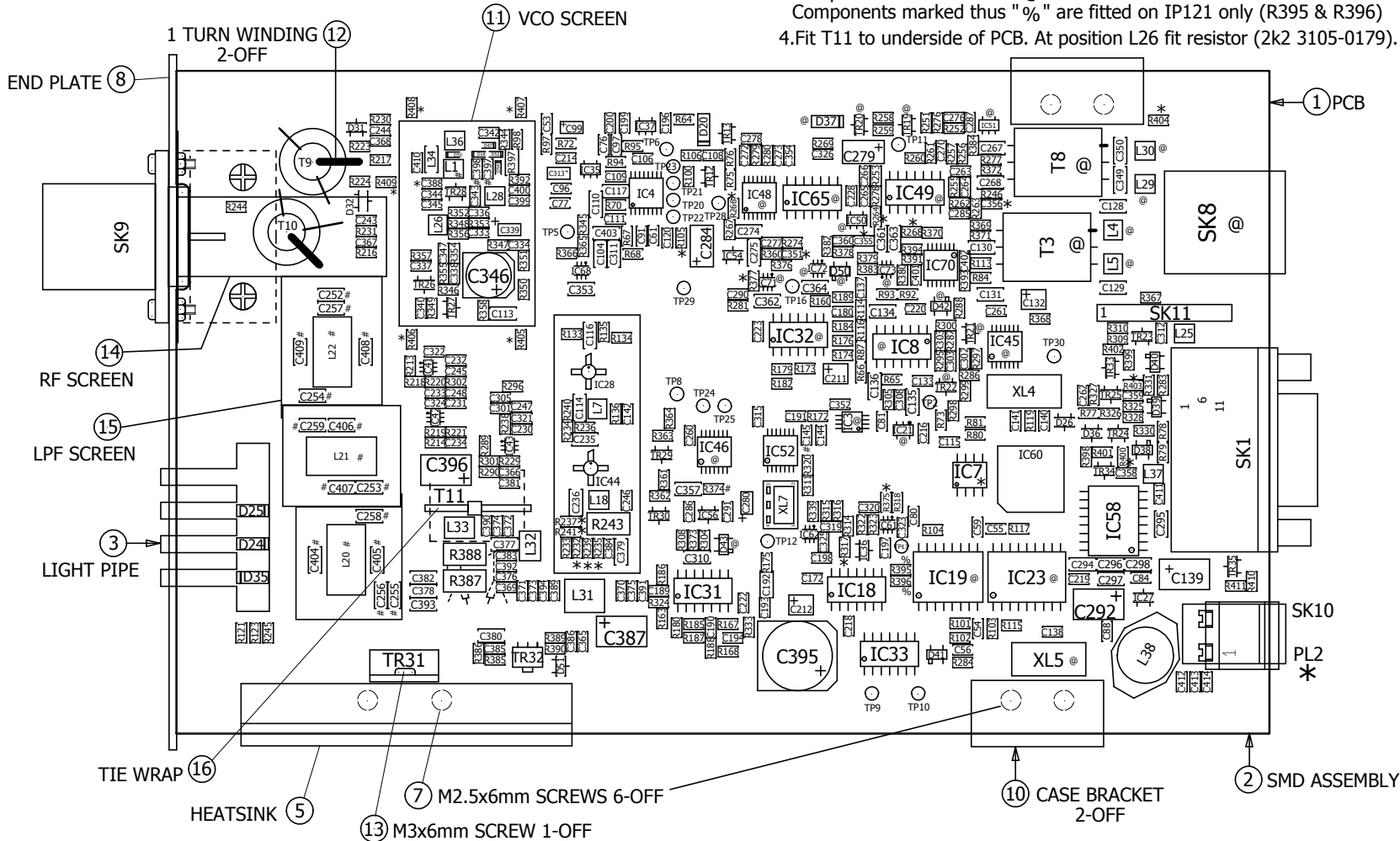
	NAME	DATE
DRAWN	J. BURNLEY	21.04.10
CHECKED		
APPROVED		
APPROVED		



BAND	RPT501			IP121		
	PBA BAND LIST	SMA BANDED	PBA	PBA BAND LIST	SMA BANDED	PBA
1	0261-8828-1	0301-1520	0261-8828	0201-1336-1	0301-1514	0201-1336
2	0261-8828-2	0301-1521	SMA Common 0301-1513	0201-1336-2	0301-1515	SMA Common 0301-1512
3	0261-8828-3	0301-1522		0201-1336-3	0301-1516	
4	0261-8828-4	0301-1523		0201-1336-4	0301-1517	
5	0261-8828-5	0301-1524		0201-1336-5	0301-1518	
6	0261-8828-6	0301-1525		0201-1336-6	0301-1519	

Exploded view diagram of the antenna assembly. Components are labeled with circled numbers 1 through 14. The diagram shows the assembly of the antenna onto the PCB. Key components and labels include:

- 14** RF SCREEN (CUT AWAY)
- 9** M3 NUTS 2-OFF
- 1** PCB
- 4** BRACKET
- 6** M3x8mm SCREWS 6-OFF
- 12** T9/T10
- VIEW OF TOROID AND 1 TURN WINDING ASSY**
- SOLDER LEGS OF ITEM 14**
- TOP OF PCB**



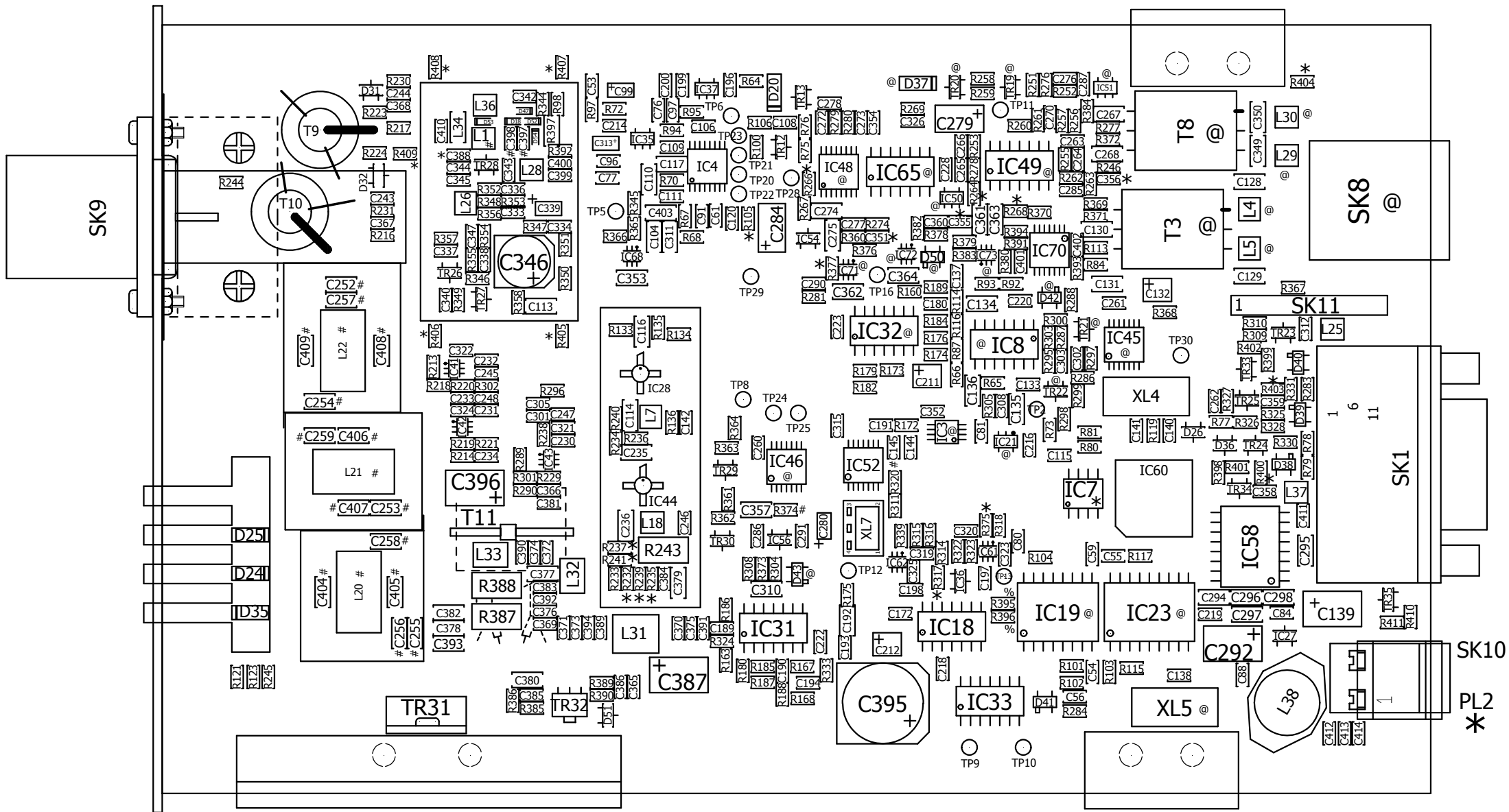
	NAME	DATE
DRAWN	J. BURNLEY	30.03.07
CHECKED		
APPROVED		
APPROVED		

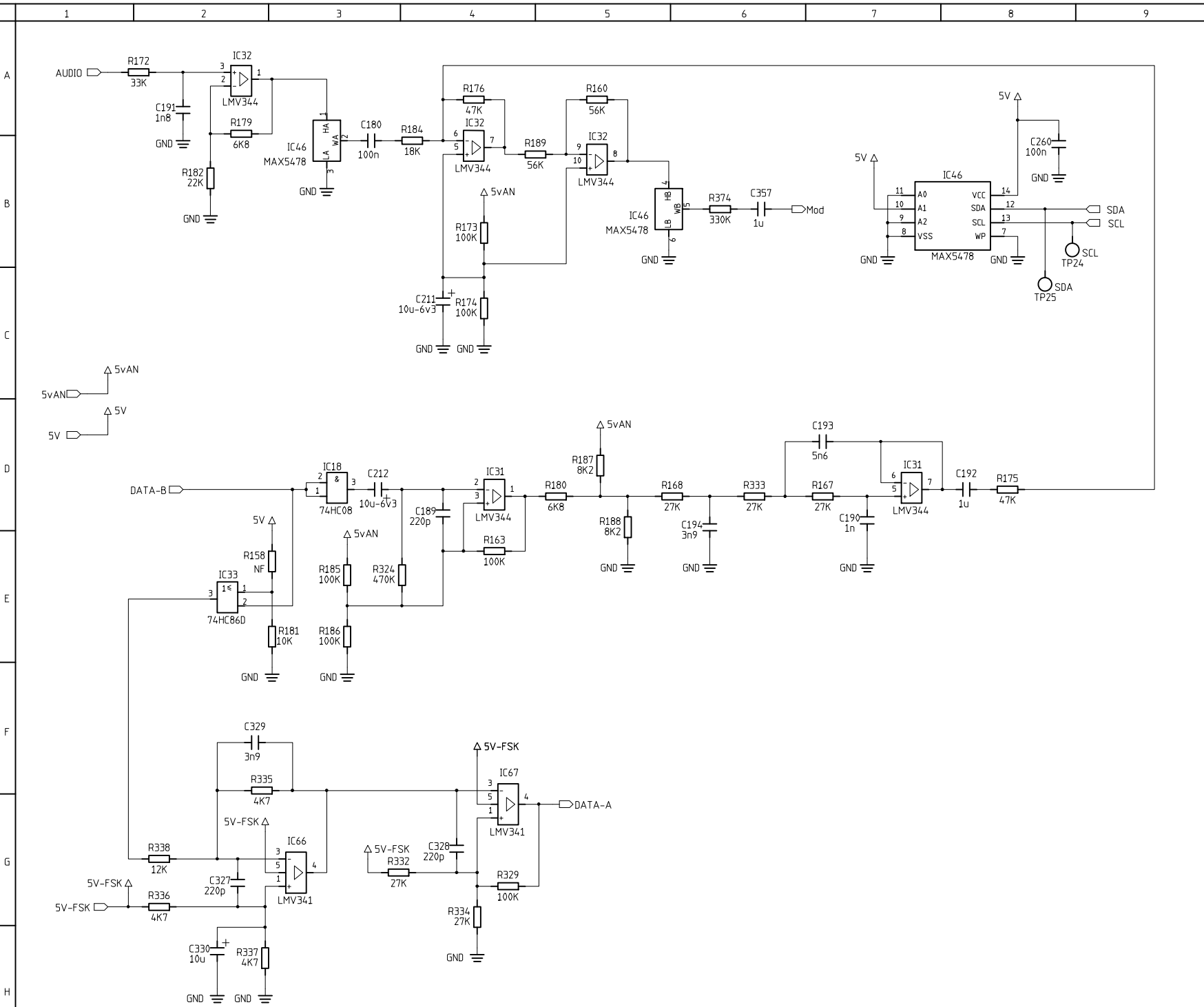
SHEET
1 OF 1

©

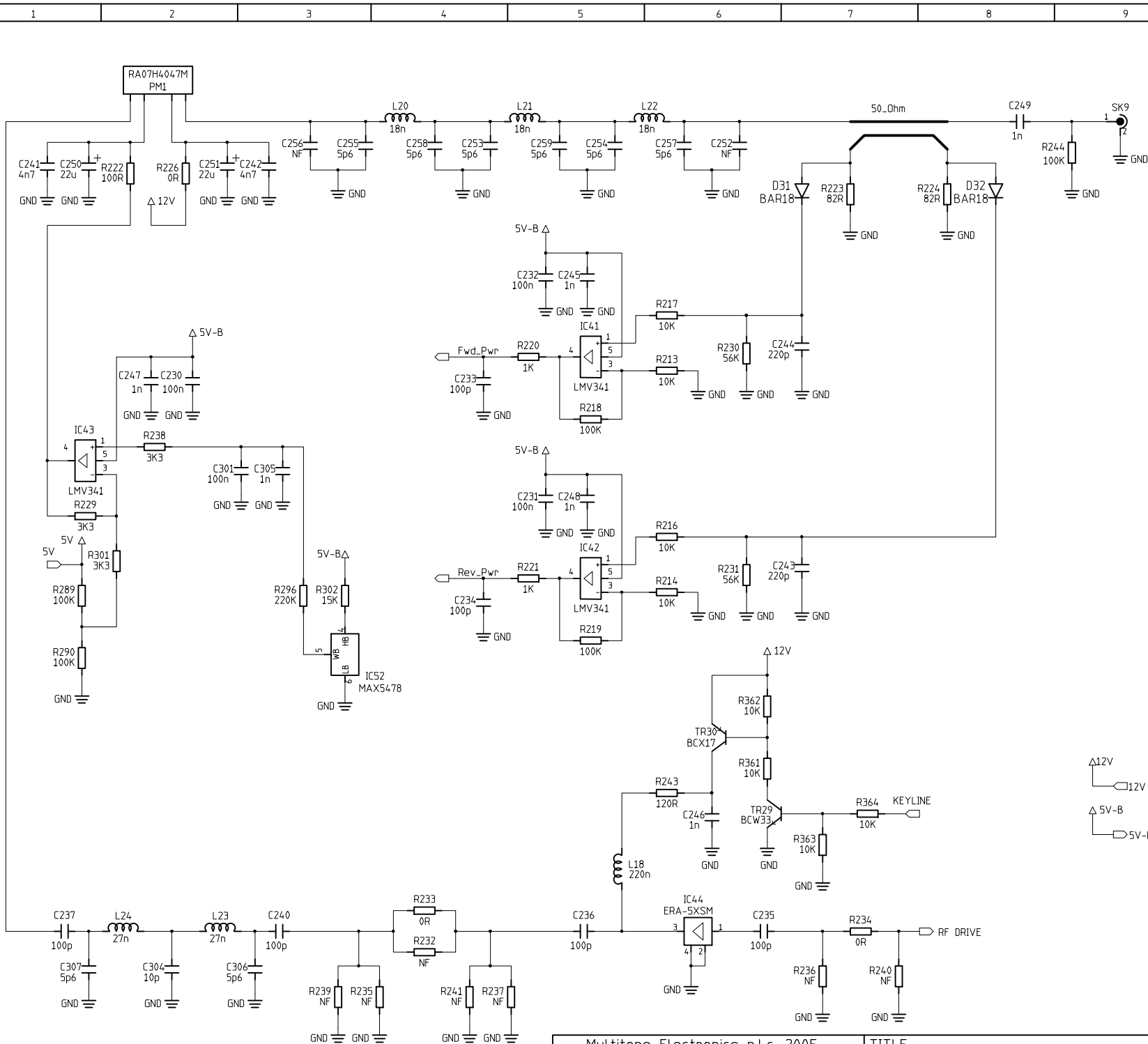
TITLE

ASSEMBLY-RPT501/IP121





10		11		
DRG No.2961-7866			SHEET 2 OF 7	B
ISSUE	AMENDMENT		DATE	
A	INTRODUCED		28.04.05	
B	DCN 2809		19.09.05	
C	DCN 2813		09.01.06	
D	DCN 2816		17.02.06	
E	DCN 2822		14.07.06	
F	DCN 2824		14.09.06	
G	DCN 2839		12.01.07	
H	DCN 2846		21.02.07	
1	PRODUCTION ISSUE		09.03.07	
2	CN 11019		30.08.07	
3	CN 11103		06.11.07	
4	CN 11142		06.12.07	
5	CN 11244		21.02.08	
6	CN 11512		22.10.08	
7	CN 11793		04.06.09	
8	CN 11818		30.06.09	
9	CN 11942		21.12.09	
10	CN 12032		24.03.10	
11	CN 12245		19.01.11	
12	CN 12262		25.02.11	
13	CN 12278		09.05.11	
14	CN 12307		04.08.11	
MOD ON CAD ONLY UNCONTROLLED WHEN PRINTED				
TOLERANCES UNLESS STATED OTHERWISE +/-0.4 TO 1 DEC. PLACE +/-0.2 TO 2 DEC. PLACES ANGLES +/- 1/2 +/-0.1 TO 3 DEC. PLACES HOLES +/-0.05 UP TO 5 +/-1% ABOVE CONCENTRICITY TO WITHIN 0.1 DIA. ALL THREADS TO BS3643 PT2 1981 CLASS 6H - 6g				
MATERIAL				
FINISH				
DIMENSIONS IN mm				
SCALE				
THIRD ANGLE PROJECTION				
	NAME		DATE	
DRAWN	J.BURNLEY		28.04.05	
CHECKED	W. BARKER		04.06.09	
APPROVED	W. BARKER		04.06.09	
APPROVED	T. HUNT		04.06.09	
DRG No. 2961-7866 SHEET 2 OF 7 B				



DRG No.2961-7866

SHEET 5 OF 7 B

ISSUE	AMENDMENT	DATE
A	INTRODUCED	28.04.05
B	DCN 2809	19.09.05
C	DCN 2813	09.01.06
D	DCN 2816	17.02.06
E	DCN 2822	14.07.06
F	DCN 2824	14.09.06
G	DCN 2839	12.01.07
H	DCN 2846	21.02.07
1	PRODUCTION ISSUE	09.03.07
2	CN 11019	30.08.07
3	CN 11103	06.11.07
4	CN 11142	06.12.07
5	CN 11244	21.02.08
6	CN 11512	22.10.08
7	CN 11793	04.06.09
8	CN 11818	30.06.09
9	CN 11942	21.12.09
10	CN 12032	24.03.10
11	CN 12245	19.01.11
12	CN 12262	25.02.11
13	CN 12278	09.05.11
14	CN 12307	04.08.11

MOD ON CAD ONLY
UNCONTROLLED
WHEN PRINTED

TOLERANCES UNLESS STATED OTHERWISE
+/-0.4 TO 1 DEC. PLACE
+/-0.2 TO 2 DEC. PLACES ANGLES +/- 1/2
+/-0.1 TO 3 DEC. PLACES
HOLES +/-0.05 UP TO 5 +/-1% ABOVE
CONCENTRICITY TO WITHIN 0.1 DIA.
ALL THREADS TO BS3643 PT2 1981 CLASS 6H - 6g

MATERIAL

FINISH

DIMENSIONS IN mm

SCALE

THIRD ANGLE PROJECTION

	NAME	DATE
DRAWN	J.BURNLEY	28.04.05
CHECKED	W. BARKER	04.06.09
APPROVED	W. BARKER	04.06.09
APPROVED	T. HUNT	04.06.09

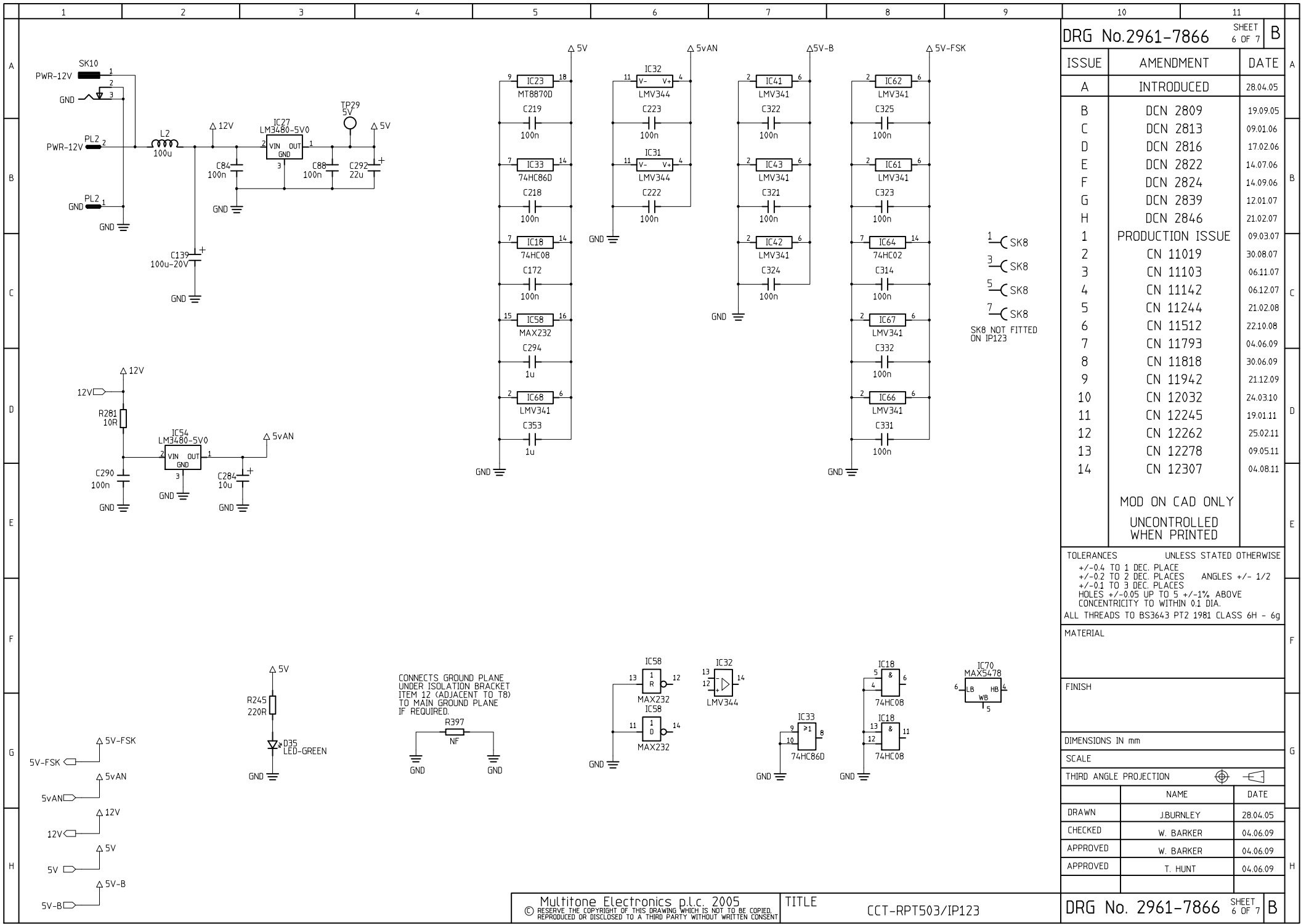
Multitone Electronics p.l.c. 2005
RESERVE THE COPYRIGHT OF THIS DRAWING WHICH IS NOT TO BE COPIED,
REPRODUCED OR DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN CONSENT

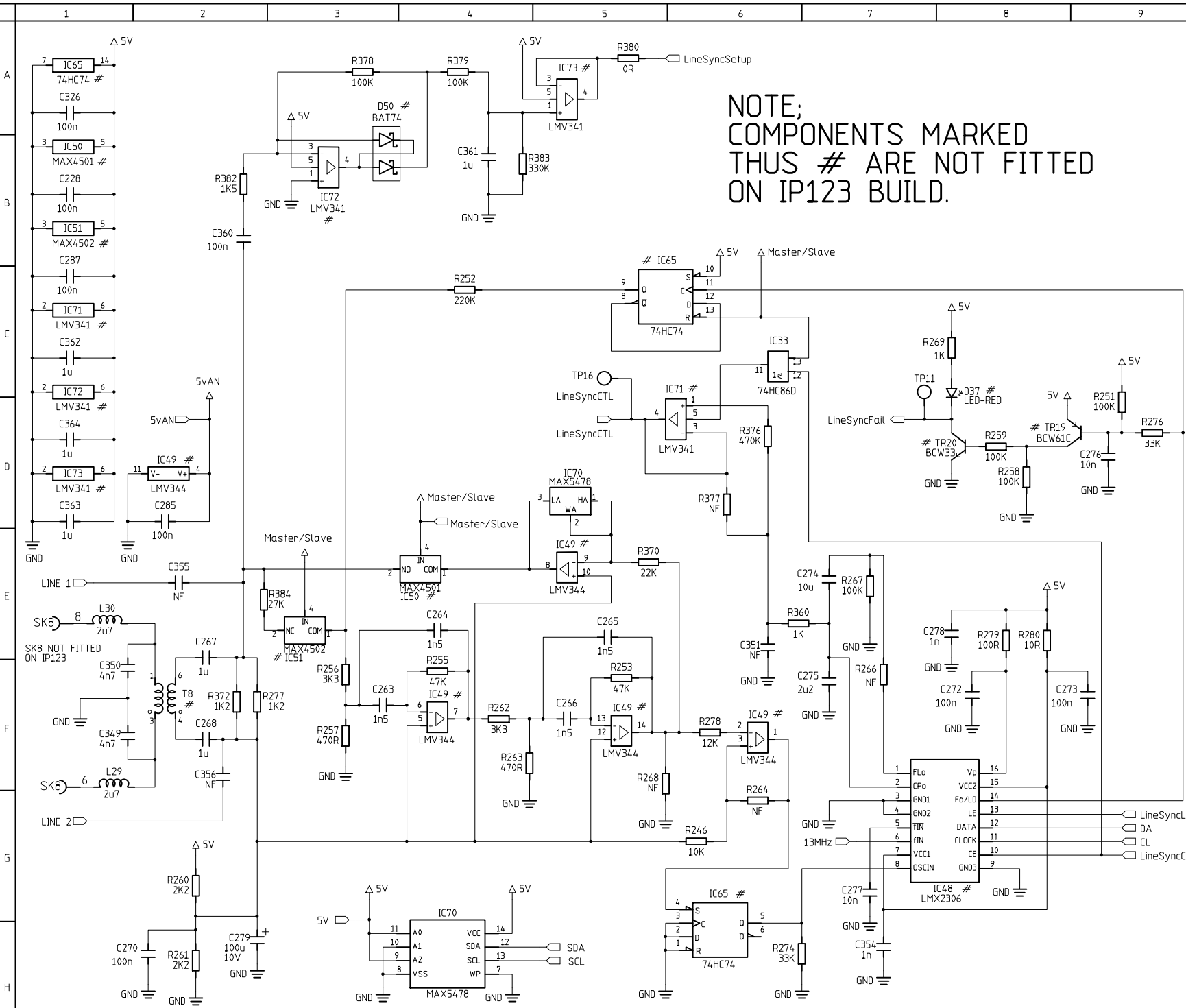
TITLE

CCT-RPT503/IP123

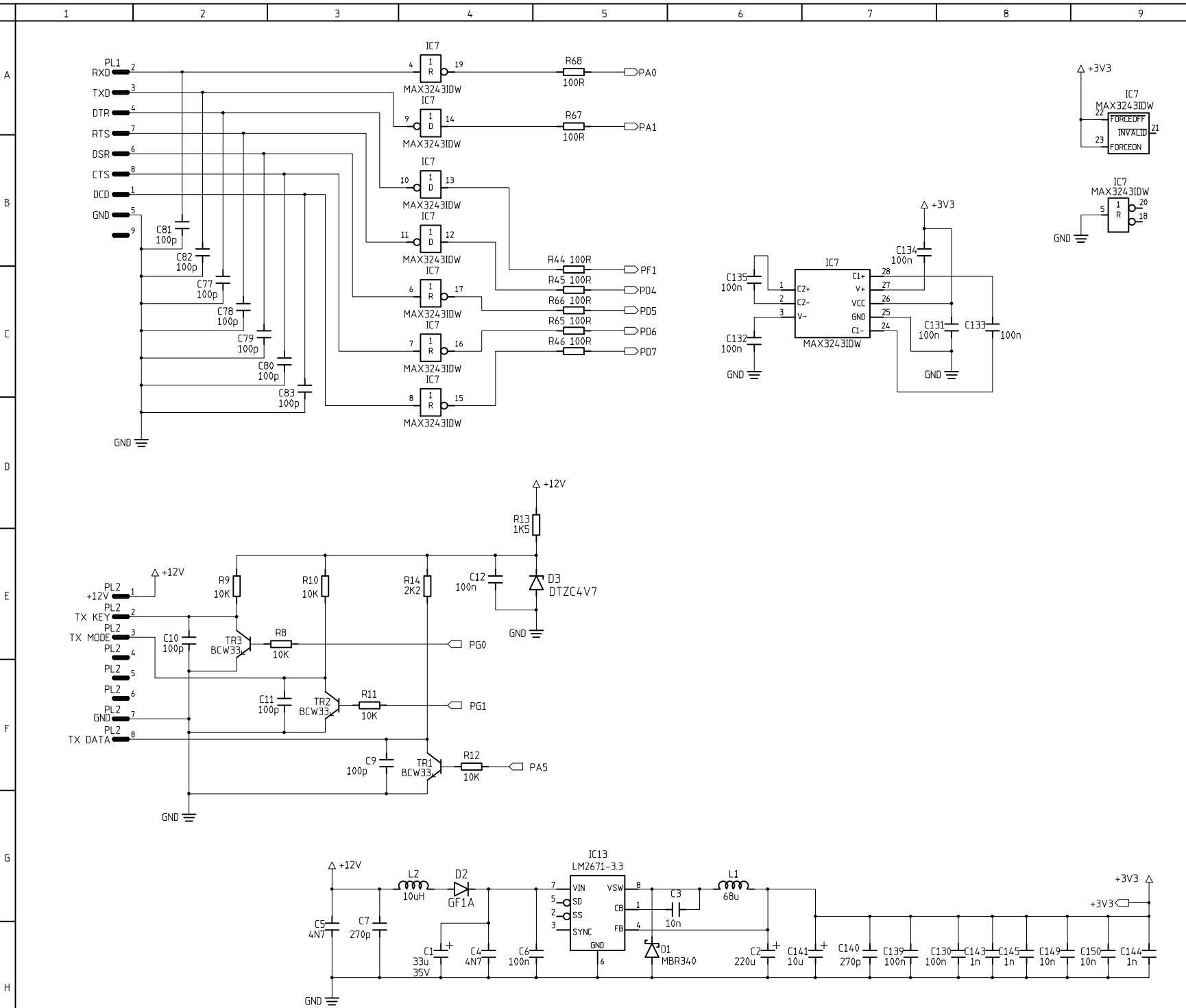
DRG No. 2961-7866

SHEET 5 OF 7 B

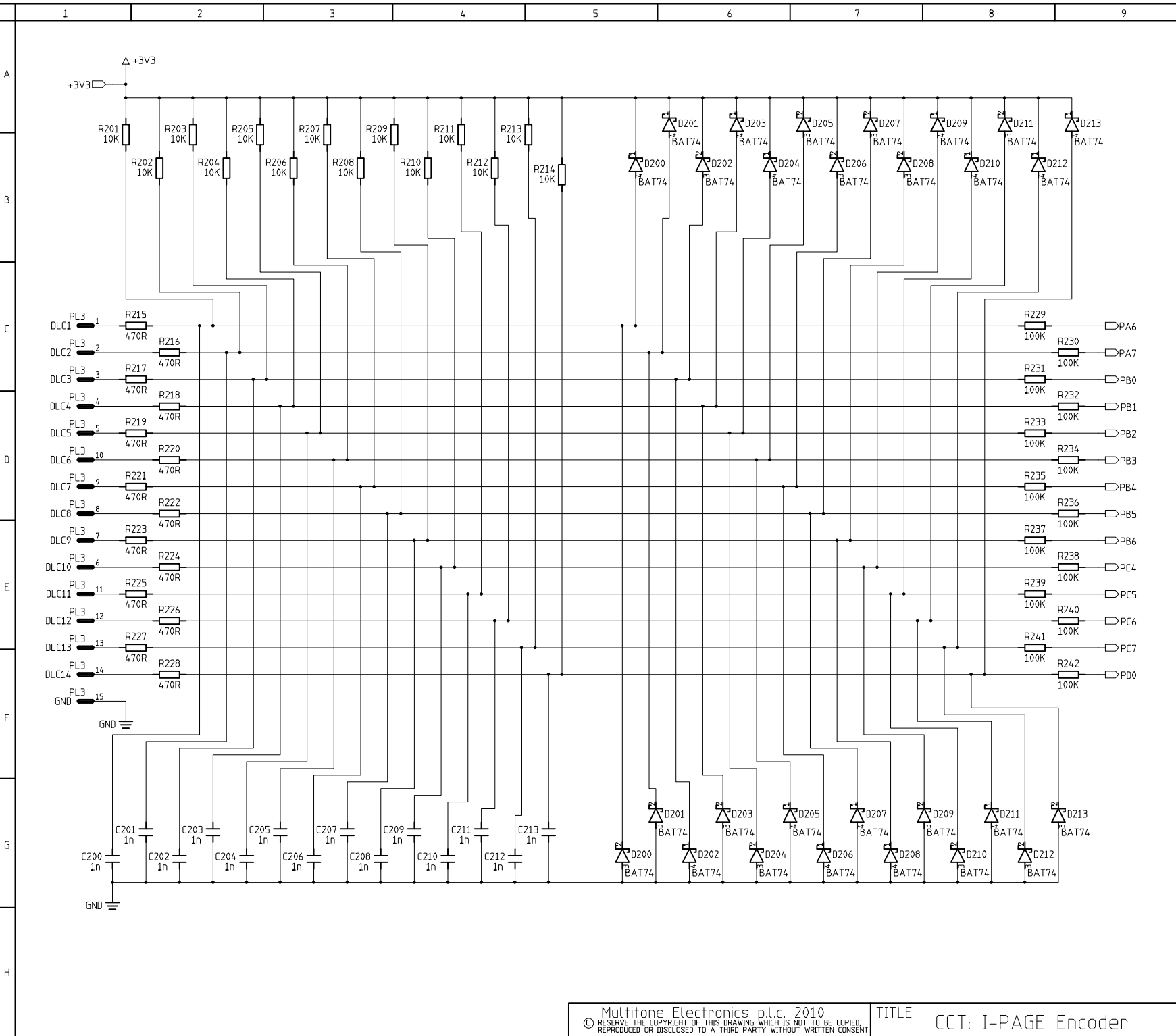




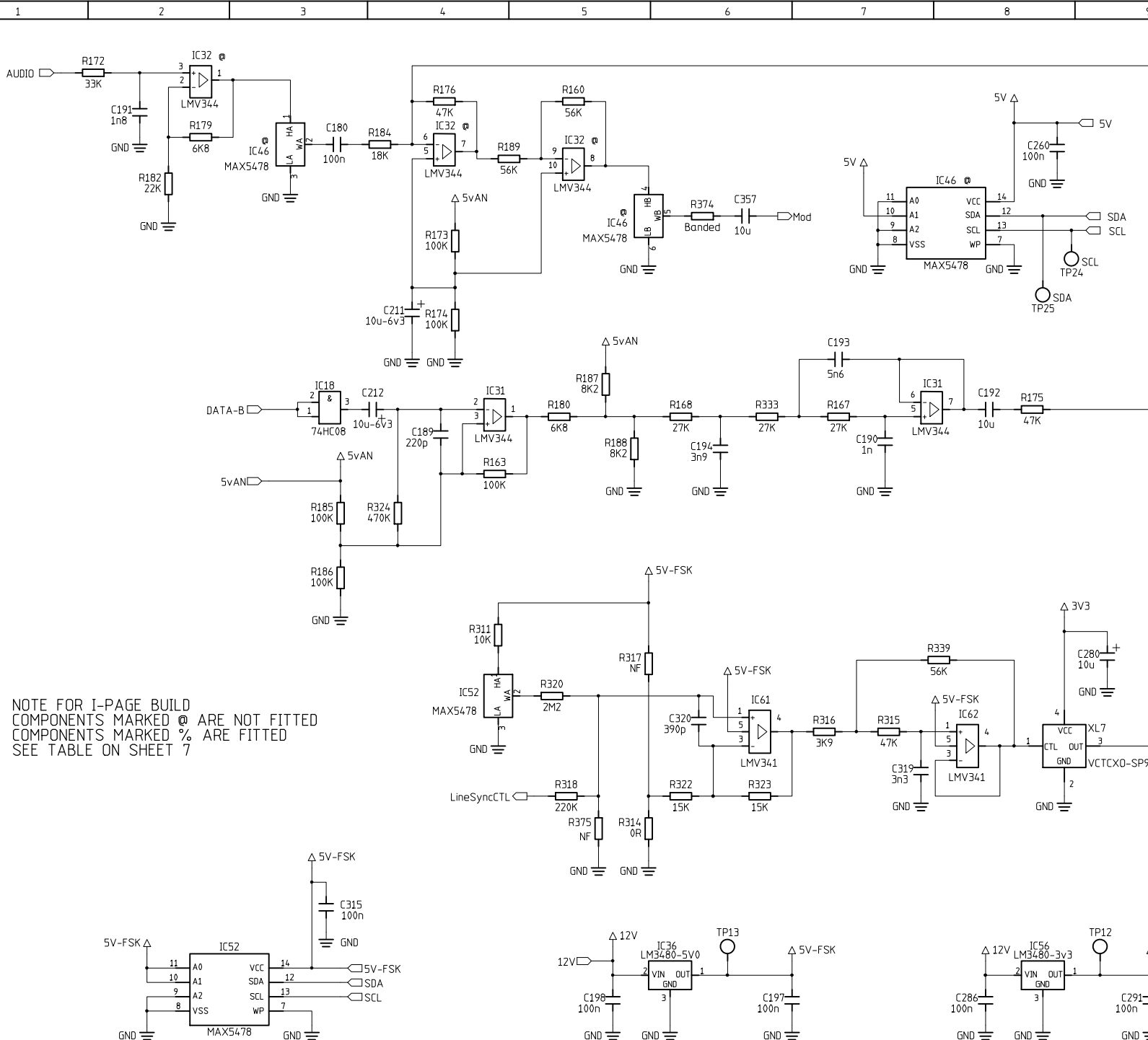
		10			11		
DRG No.2961-7866					SHEET 7 OF 7	B	
ISSUE		AMENDMENT			DATE		
A		INTRODUCED			12.01.05		
B		DCN 2809			19.09.05		
C		DCN 2813			09.01.06		
D		DCN 2816			17.02.06		
E		DCN 2822			14.07.06		
F		DCN 2824			14.09.06		
G		DCN 2839			28.04.05		
H		DCN 2846			21.02.07		
1		PRODUCTION ISSUE			09.03.07		
2		CN 11019			30.08.07		
3		CN 11103			06.11.07		
4		CN 11142			06.12.07		
5		CN 11244			21.02.08		
6		CN 11512			22.10.08		
7		CN 11793			04.06.09		
8		CN 11818			30.06.09		
9		CN 11942			21.12.09		
10		CN 12032			24.03.10		
11		CN 12245			19.01.11		
12		CN 12262			25.02.11		
13		CN 12278			09.05.11		
14		CN 12307			04.08.11		
MOD ON CAD ONLY							
UNCONTROLLED							
WHEN PRINTED							
TOLERANCES UNLESS STATED OTHERWISE							
+/-0.4 TO 1 DEC. PLACE							
+/-0.2 TO 2 DEC. PLACES						ANGLES +/- 1/2	
+/-0.1 TO 3 DEC. PLACES							
HOLES +/-0.05 UP TO 5 +/-1% ABOVE							
CONCENTRICITY TO WITHIN 0.1 DIA.							
ALL THREADS TO BS3643 PT2 1981 CLASS 6H - 6g							
MATERIAL							
FINISH							
DIMENSIONS IN mm							
SCALE							
THIRD ANGLE PROJECTION							
		NAME			DATE		
DRAWN		J. BURNLEY			28.04.05		
CHECKED		W. BARKER			04.06.09		
APPROVED		W. BARKER			04.06.09		
APPROVED		T. HUNT			04.06.09		



10		11		SHEET 1 OF 4	B	
DRG No.2961-8698						
ISSUE	AMENDMENT		DATE		A	
A	INTRODUCED		14.04.10			
B	DCN 2935		14.12.10		B	
C	DCN 2944		01.03.11			
MOD ON CAD ONLY					C	
UNCONTROLLED WHEN PRINTED					D	
TOLERANCES UNLESS STATED OTHERWISE +/-0.4 TO 1 DEC. PLACE +/-0.2 TO 2 DEC. PLACES ANGLES +/- 1/2 +/-0.1 TO 3 DEC. PLACES HOLES +/-0.05 UP TO 5 +/-1% ABOVE CONCENTRICITY TO WITHIN 0.1 DIA. ALL THREADS TO BS3643 PT2 1981 CLASS 6H - 6g					E	
MATERIAL					F	
FINISH					G	
DIMENSIONS IN mm					H	
SCALE						
THIRD ANGLE PROJECTION					H	
NAME		DATE				
DRAWN	J. BURNLEY		14.04.10			
CHECKED						
APPROVED						
APPROVED						
DRG No. 2961-8698					SHEET 1 OF 4	B

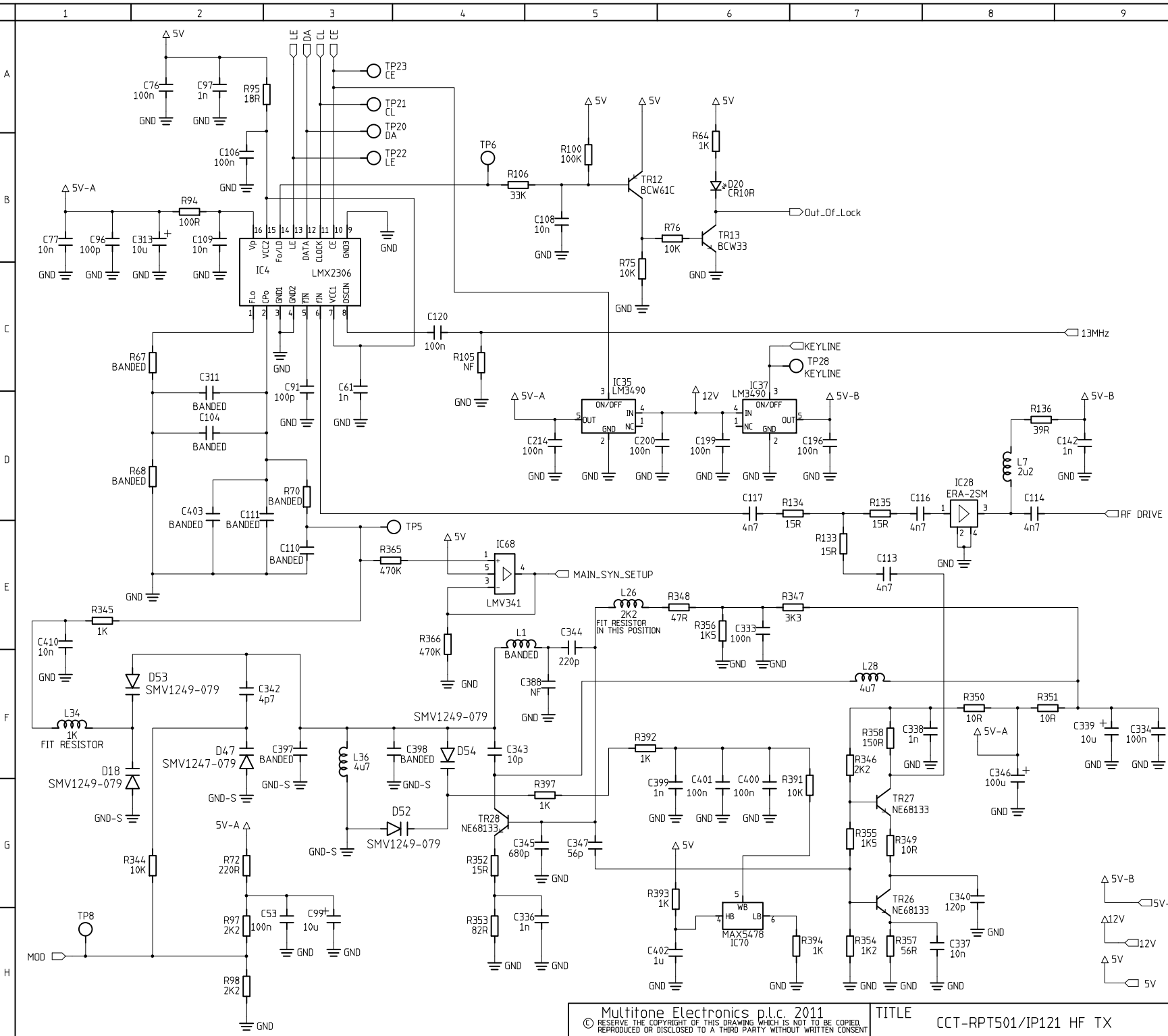


10		11		
DRG No.2961-8698			SHEET 4 OF 4	B
ISSUE	AMENDMENT		DATE	
A	INTRODUCED		14.04.10	
B	DCN 2935		14.12.10	
C	DCN 2944		01.03.11	
MOD ON CAD ONLY				
UNCONTROLLED WHEN PRINTED				
TOLERANCES UNLESS STATED OTHERWISE				
+/-0.4 TO 1 DEC. PLACE				
+/-0.2 TO 2 DEC. PLACES ANGLES +/- 1/2				
+/-0.1 TO 3 DEC. PLACES				
HOLES +/-0.05 UP TO 5 +/-1% ABOVE				
CONCENTRICITY TO WITHIN 0.1 DIA.				
ALL THREADS TO BS3643 PT2 1981 CLASS 6H - 6g				
MATERIAL				
FINISH				
DIMENSIONS IN mm				
SCALE				
THIRD ANGLE PROJECTION				
	NAME		DATE	
DRAWN	J. BURNLEY		14.04.10	
CHECKED				
APPROVED				
APPROVED				
DRG No. 2961-8698				
SHEET 4 OF 4			B	

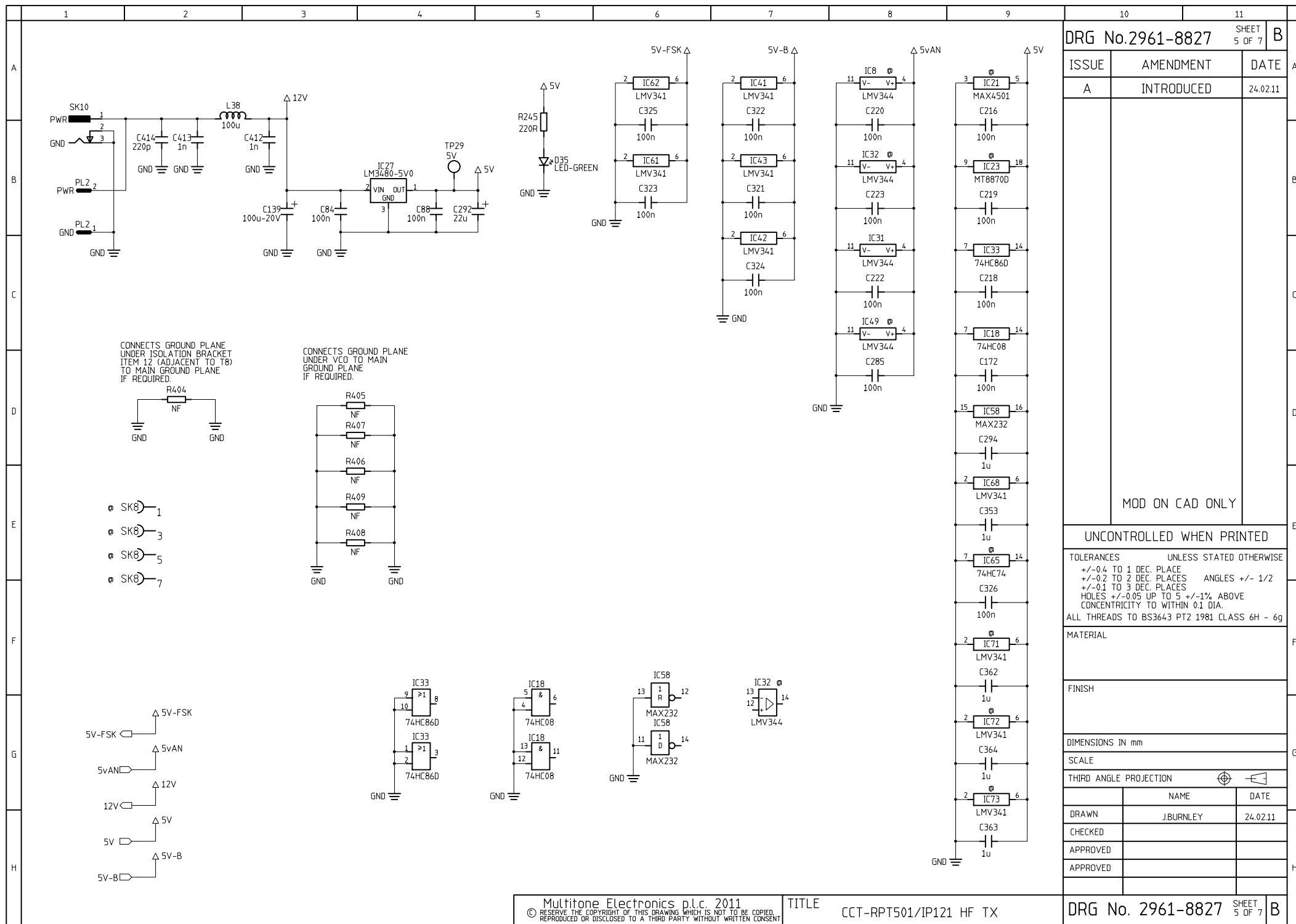


NOTE FOR I-PAGE BUILD
COMPONENTS MARKED @ ARE NOT FITTED
COMPONENTS MARKED % ARE FITTED
SEE TABLE ON SHEET 7

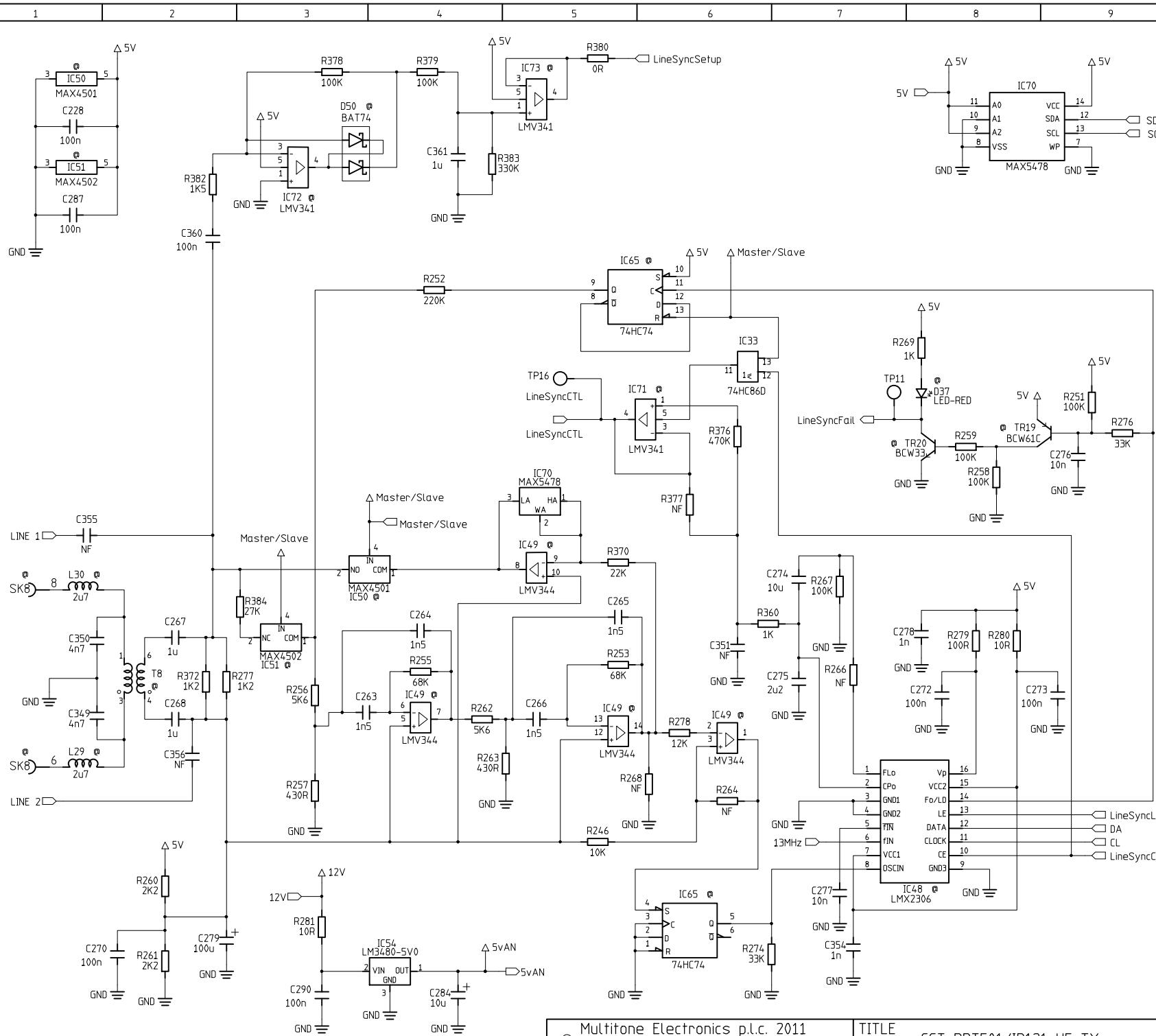
DRG No.2961-8827		SHEET 1 OF 7		B
ISSUE	AMENDMENT	DATE		
A	INTRODUCED	24.02.11		
MOD ON CAD ONLY				
UNCONTROLLED WHEN PRINTED				
TOLERANCES UNLESS STATED OTHERWISE				
+/-0.4 TO 1 DEC. PLACE				
+/-0.2 TO 2 DEC. PLACES				
+/-0.1 TO 3 DEC. PLACES				
HOLES +/-0.05 UP TO 5 +/-1% ABOVE				
CONCENTRICITY TO WITHIN 0.1 DIA.				
ALL THREADS TO BS3643 PT2 1981 CLASS 6H - 6g				
MATERIAL				
FINISH				
DIMENSIONS IN mm				
SCALE				
THIRD ANGLE PROJECTION				
				
				
	NAME	DATE		
DRAWN	J.BURNLEY	24.02.11		
CHECKED				
APPROVED				
APPROVED				
DRG No. 2961-8827				
		SHEET 1 OF 7		B



10		11	
DRG No.2961-8827		SHEET 3 OF 7	B
ISSUE	AMENDMENT	DATE	
A	INTRODUCED	24.02.11	
MOD ON CAD ONLY			
UNCONTROLLED WHEN PRINTED			
TOLERANCES UNLESS STATED OTHERWISE			
+/-0.4 TO 1 DEC. PLACE			
+/-0.2 TO 2 DEC. PLACES ANGLES +/- 1/2			
+/-0.1 TO 3 DEC. PLACES			
HOLES +/-0.05 UP TO 5 +/-1% ABOVE			
CONCENTRICITY TO WITHIN 0.1 DIA.			
ALL THREADS TO BS3643 PT2 1981 CLASS 6H - 6g			
MATERIAL			
FINISH			
DIMENSIONS IN mm			
SCALE			
THIRD ANGLE PROJECTION			
NAME		DATE	
DRAWN	J.BURNLEY	24.02.11	
CHECKED			
APPROVED			
APPROVED			
DRG No. 2961-8827		SHEET 3 OF 7	B



DRG No.2961-8827		SHEET 5 OF 7	B
ISSUE	AMENDMENT	DATE	
A	INTRODUCED	24.02.11	
MOD ON CAD ONLY			
UNCONTROLLED WHEN PRINTED			
TOLERANCES UNLESS STATED OTHERWISE +/-0.4 TO 1 DEC. PLACE +/-0.2 TO 2 DEC. PLACES ANGLES +/- 1/2 +/-0.1 TO 3 DEC. PLACES HOLES +/-0.05 UP TO 5 +/-1% ABOVE CONCENTRICITY TO WITHIN 0.1 DIA. ALL THREADS TO BS3643 PT2 1981 CLASS 6H - 6g			
MATERIAL			
FINISH			
DIMENSIONS IN mm			
SCALE			
THIRD ANGLE PROJECTION			
	NAME	DATE	
DRAWN	J BURNLEY	24.02.11	
CHECKED			
APPROVED			
APPROVED			
DRG No. 2961-8827		SHEET 5 OF 7	B



10		11		
DRG No.2961-8827			SHEET 6 OF 7	B
ISSUE	AMENDMENT		DATE	
A	INTRODUCED		24.02.11	
MOD ON CAD ONLY				
UNCONTROLLED WHEN PRINTED				
TOLERANCES UNLESS STATED OTHERWISE				
+/-0.4 TO 1 DEC. PLACE				
+/-0.2 TO 2 DEC. PLACES ANGLES +/- 1/2				
+/-0.1 TO 3 DEC. PLACES				
HOLES +/-0.05 UP TO 5 +/-1% ABOVE				
CONCENTRICITY TO WITHIN 0.1 DIA.				
ALL THREADS TO BS3643 PT2 1981 CLASS 6H - 6g				
MATERIAL				
FINISH				
DIMENSIONS IN mm				
SCALE				
THIRD ANGLE PROJECTION				
		NAME		DATE
DRAWN		J. BURNLEY		24.02.11
CHECKED				
APPROVED				
APPROVED				
DRG No. 2961-8827			SHEET	B

		1	2	3	4	5	6	7	8	9	10	11																																																																																																																																																																																																																																												
A	BANDED PARTS LISTS <table><tr><td>FREQ</td><td>25-26.999</td><td>27-29.999</td><td>30-33.999</td><td>34-39.999</td><td>40-43.999</td><td>44-54</td></tr><tr><td>BAND</td><td>BAND 1</td><td>BAND 2</td><td>BAND 3</td><td>BAND 4</td><td>BAND 5</td><td>BAND 6</td></tr><tr><td>LIST NO'S RPT501 IP121</td><td>0301-1520 0301-1514</td><td>0301-1521 0301-1515</td><td>0301-1522 0301-1516</td><td>0301-1523 0301-1517</td><td>0301-1524 0301-1518</td><td>0301-1525 0301-1519</td></tr><tr><td rowspan="3">B</td><td>R374</td><td>18k</td><td>33k</td><td>47k</td><td>47k</td><td>68k</td><td>100k</td></tr><tr><td>C252</td><td>56p</td><td>56p</td><td>68p</td><td>68p</td><td>12p</td><td>12p</td></tr><tr><td>C253</td><td>82p</td><td>82p</td><td>68p</td><td>68p</td><td>100p</td><td>100p</td></tr><tr><td rowspan="3">C</td><td>C254</td><td>120p</td><td>120p</td><td>100p</td><td>100p</td><td>10p</td><td>10p</td></tr><tr><td>C255</td><td>82p</td><td>82p</td><td>100p</td><td>100p</td><td>82p</td><td>82p</td></tr><tr><td>C256</td><td>100p</td><td>100p</td><td>56p</td><td>56p</td><td>5p6</td><td>5p6</td></tr><tr><td rowspan="3">D</td><td>C257</td><td>56p</td><td>56p</td><td>39p</td><td>39p</td><td>68p</td><td>68p</td></tr><tr><td>C258</td><td>150p</td><td>150p</td><td>100p</td><td>100p</td><td>18p</td><td>18p</td></tr><tr><td>C259</td><td>100p</td><td>100p</td><td>82p</td><td>82p</td><td>100p</td><td>100p</td></tr><tr><td rowspan="3">E</td><td>C397</td><td>NF</td><td>18p</td><td>1p8</td><td>NF</td><td>NF</td><td>NF</td></tr><tr><td>C398</td><td>27p</td><td>2p7</td><td>12p</td><td>2p7</td><td>8p2</td><td>2p2</td></tr><tr><td>C404</td><td>8p2</td><td>8p2</td><td>1p5</td><td>1p5</td><td>2p2</td><td>2p2</td></tr><tr><td rowspan="3">F</td><td>C405</td><td>1p8</td><td>1p8</td><td>6p8</td><td>6p8</td><td>2p2</td><td>2p2</td></tr><tr><td>C406</td><td>18p</td><td>18p</td><td>2p7</td><td>2p7</td><td>15p</td><td>15p</td></tr><tr><td>C407</td><td>27p</td><td>27p</td><td>39p</td><td>39p</td><td>15p</td><td>8p2</td></tr><tr><td rowspan="3">G</td><td>C408</td><td>18p</td><td>18p</td><td>22p</td><td>22p</td><td>15p</td><td>15p</td></tr><tr><td>C409</td><td>15p</td><td>15p</td><td>6p8</td><td>6p8</td><td>1p2</td><td>1p2</td></tr><tr><td>L1</td><td>1u5</td><td>1u5</td><td>1u5</td><td>1u5</td><td>820n</td><td>820n</td></tr><tr><td rowspan="3">H</td><td>L20</td><td>246n</td><td>246n</td><td>206n</td><td>206n</td><td>169n</td><td>169n</td></tr><tr><td>L21</td><td>206n</td><td>206n</td><td>169n</td><td>169n</td><td>130n</td><td>130n</td></tr><tr><td>L22</td><td>206n</td><td>206n</td><td>169n</td><td>169n</td><td>130n</td><td>130n</td></tr><tr><td rowspan="3"></td><td>C104</td><td>10u</td><td>10u</td><td>10u</td><td>10u</td><td>10u</td><td>10u</td></tr><tr><td>C110</td><td>39n</td><td>39n</td><td>220n</td><td>220n</td><td>220n</td><td>220n</td></tr><tr><td>C111</td><td>NF</td><td>NF</td><td>NF</td><td>NF</td><td>NF</td><td>NF</td></tr><tr><td rowspan="3"></td><td>C311</td><td>NF</td><td>NF</td><td>10u</td><td>10u</td><td>10u</td><td>10u</td></tr><tr><td>C403</td><td>470n</td><td>470n</td><td>1u</td><td>1u</td><td>1u</td><td>1u</td></tr><tr><td>R67</td><td>560R</td><td>560R</td><td>120R</td><td>120R</td><td>120R</td><td>120R</td></tr><tr><td rowspan="3"></td><td>R68</td><td>1k5</td><td>1k5</td><td>470R</td><td>470R</td><td>470R</td><td>470R</td></tr><tr><td>R70</td><td>22k</td><td>22k</td><td>3k3</td><td>3k3</td><td>3k3</td><td>3k3</td></tr></table>										FREQ	25-26.999	27-29.999	30-33.999	34-39.999	40-43.999	44-54	BAND	BAND 1	BAND 2	BAND 3	BAND 4	BAND 5	BAND 6	LIST NO'S RPT501 IP121	0301-1520 0301-1514	0301-1521 0301-1515	0301-1522 0301-1516	0301-1523 0301-1517	0301-1524 0301-1518	0301-1525 0301-1519	B	R374	18k	33k	47k	47k	68k	100k	C252	56p	56p	68p	68p	12p	12p	C253	82p	82p	68p	68p	100p	100p	C	C254	120p	120p	100p	100p	10p	10p	C255	82p	82p	100p	100p	82p	82p	C256	100p	100p	56p	56p	5p6	5p6	D	C257	56p	56p	39p	39p	68p	68p	C258	150p	150p	100p	100p	18p	18p	C259	100p	100p	82p	82p	100p	100p	E	C397	NF	18p	1p8	NF	NF	NF	C398	27p	2p7	12p	2p7	8p2	2p2	C404	8p2	8p2	1p5	1p5	2p2	2p2	F	C405	1p8	1p8	6p8	6p8	2p2	2p2	C406	18p	18p	2p7	2p7	15p	15p	C407	27p	27p	39p	39p	15p	8p2	G	C408	18p	18p	22p	22p	15p	15p	C409	15p	15p	6p8	6p8	1p2	1p2	L1	1u5	1u5	1u5	1u5	820n	820n	H	L20	246n	246n	206n	206n	169n	169n	L21	206n	206n	169n	169n	130n	130n	L22	206n	206n	169n	169n	130n	130n		C104	10u	10u	10u	10u	10u	10u	C110	39n	39n	220n	220n	220n	220n	C111	NF	NF	NF	NF	NF	NF		C311	NF	NF	10u	10u	10u	10u	C403	470n	470n	1u	1u	1u	1u	R67	560R	560R	120R	120R	120R	120R		R68	1k5	1k5	470R	470R	470R	470R	R70	22k	22k	3k3	3k3	3k3	3k3	DRG No.2961-8827		SHEET 7 OF 7	B
											FREQ	25-26.999	27-29.999	30-33.999	34-39.999	40-43.999	44-54																																																																																																																																																																																																																																							
											BAND	BAND 1	BAND 2	BAND 3	BAND 4	BAND 5	BAND 6																																																																																																																																																																																																																																							
LIST NO'S RPT501 IP121	0301-1520 0301-1514	0301-1521 0301-1515	0301-1522 0301-1516	0301-1523 0301-1517	0301-1524 0301-1518	0301-1525 0301-1519																																																																																																																																																																																																																																																		
B	R374	18k	33k	47k	47k	68k	100k																																																																																																																																																																																																																																																	
	C252	56p	56p	68p	68p	12p	12p																																																																																																																																																																																																																																																	
	C253	82p	82p	68p	68p	100p	100p																																																																																																																																																																																																																																																	
C	C254	120p	120p	100p	100p	10p	10p																																																																																																																																																																																																																																																	
	C255	82p	82p	100p	100p	82p	82p																																																																																																																																																																																																																																																	
	C256	100p	100p	56p	56p	5p6	5p6																																																																																																																																																																																																																																																	
D	C257	56p	56p	39p	39p	68p	68p																																																																																																																																																																																																																																																	
	C258	150p	150p	100p	100p	18p	18p																																																																																																																																																																																																																																																	
	C259	100p	100p	82p	82p	100p	100p																																																																																																																																																																																																																																																	
E	C397	NF	18p	1p8	NF	NF	NF																																																																																																																																																																																																																																																	
	C398	27p	2p7	12p	2p7	8p2	2p2																																																																																																																																																																																																																																																	
	C404	8p2	8p2	1p5	1p5	2p2	2p2																																																																																																																																																																																																																																																	
F	C405	1p8	1p8	6p8	6p8	2p2	2p2																																																																																																																																																																																																																																																	
	C406	18p	18p	2p7	2p7	15p	15p																																																																																																																																																																																																																																																	
	C407	27p	27p	39p	39p	15p	8p2																																																																																																																																																																																																																																																	
G	C408	18p	18p	22p	22p	15p	15p																																																																																																																																																																																																																																																	
	C409	15p	15p	6p8	6p8	1p2	1p2																																																																																																																																																																																																																																																	
	L1	1u5	1u5	1u5	1u5	820n	820n																																																																																																																																																																																																																																																	
H	L20	246n	246n	206n	206n	169n	169n																																																																																																																																																																																																																																																	
	L21	206n	206n	169n	169n	130n	130n																																																																																																																																																																																																																																																	
	L22	206n	206n	169n	169n	130n	130n																																																																																																																																																																																																																																																	
	C104	10u	10u	10u	10u	10u	10u																																																																																																																																																																																																																																																	
	C110	39n	39n	220n	220n	220n	220n																																																																																																																																																																																																																																																	
	C111	NF	NF	NF	NF	NF	NF																																																																																																																																																																																																																																																	
	C311	NF	NF	10u	10u	10u	10u																																																																																																																																																																																																																																																	
	C403	470n	470n	1u	1u	1u	1u																																																																																																																																																																																																																																																	
	R67	560R	560R	120R	120R	120R	120R																																																																																																																																																																																																																																																	
	R68	1k5	1k5	470R	470R	470R	470R																																																																																																																																																																																																																																																	
	R70	22k	22k	3k3	3k3	3k3	3k3																																																																																																																																																																																																																																																	
	ISSUE	AMENDMENT		DATE																																																																																																																																																																																																																																																				
A	INTRODUCED		24.02.11																																																																																																																																																																																																																																																					
MOD ON CAD ONLY				A																																																																																																																																																																																																																																																				
					B																																																																																																																																																																																																																																																			
						C																																																																																																																																																																																																																																																		
							D																																																																																																																																																																																																																																																	
UNCONTROLLED WHEN PRINTED				E																																																																																																																																																																																																																																																				
					F																																																																																																																																																																																																																																																			
						G																																																																																																																																																																																																																																																		
							H																																																																																																																																																																																																																																																	
TOLERANCES UNLESS STATED OTHERWISE				G																																																																																																																																																																																																																																																				
+/-0.4 TO 1 DEC. PLACE																																																																																																																																																																																																																																																								
+/-0.2 TO 2 DEC. PLACES ANGLES +/- 1/2																																																																																																																																																																																																																																																								
+/-0.1 TO 3 DEC. PLACES																																																																																																																																																																																																																																																								
HOLES +/-0.05 UP TO 5 +/-1% ABOVE CONCENTRICITY TO WITHIN 0.1 DIA.																																																																																																																																																																																																																																																								
ALL THREADS TO BS3643 PT2 1981 CLASS 6H - 6g																																																																																																																																																																																																																																																								
MATERIAL																																																																																																																																																																																																																																																								
FINISH																																																																																																																																																																																																																																																								
DIMENSIONS IN mm																																																																																																																																																																																																																																																								
SCALE																																																																																																																																																																																																																																																								
THIRD ANGLE PROJECTION																																																																																																																																																																																																																																																								
NAME		DATE																																																																																																																																																																																																																																																						
J. BURNLEY		24.02.11																																																																																																																																																																																																																																																						
DRAWN																																																																																																																																																																																																																																																								
CHECKED																																																																																																																																																																																																																																																								
APPROVED																																																																																																																																																																																																																																																								
APPROVED																																																																																																																																																																																																																																																								
DRG No. 2961-8827				SHEET 7 OF 7	B																																																																																																																																																																																																																																																			

RPT501 PARTS LISTS

BAND	PBA BAND LIST	SMA BANDED	PBA	SMA COMMON
1	0261-8828-1	0301-1520	0261-8828	0301-1513
2	0261-8828-2	0301-1521		
3	0261-8828-3	0301-1522		
4	0261-8828-4	0301-1523		
5	0261-8828-5	0301-1524		
6	0261-8828-6	0301-1525		

IP121 PARTS LISTS

BAND	PBA BAND LIST	SMA BANDED	PBA	SMA COMMON
1	0201-1336-1	0301-1514	0201-1336	0301-1512
2	0201-1336-2	0301-1515		
3	0201-1336-3	0301-1516		
4	0201-1336-4	0301-1517		
5	0201-1336-5	0301-1518		
6	0201-1336-6	0301-1519		

EXAMPLE: IP121 BAND 1
0201-1336-1

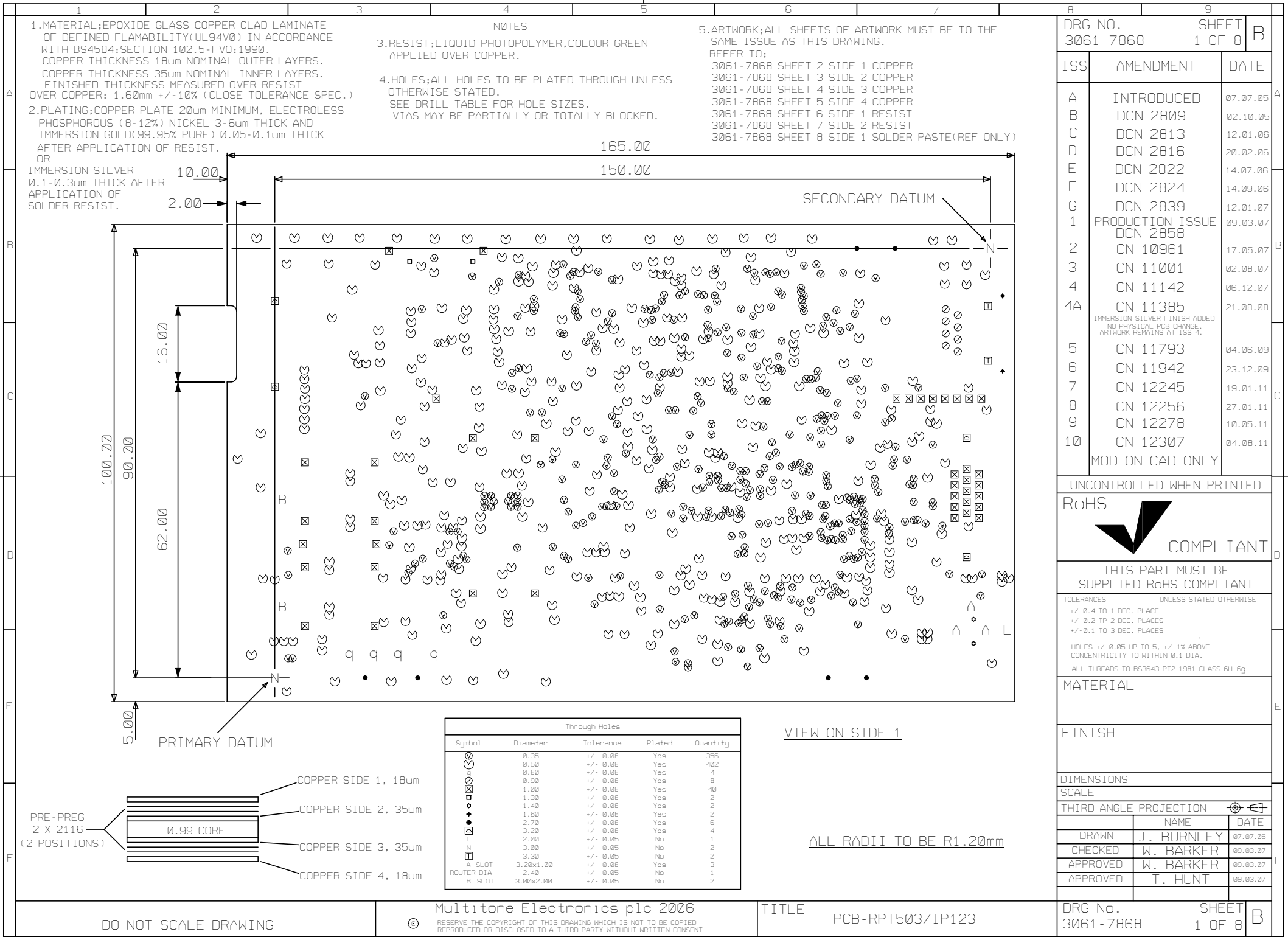
0301-1514 0201-1336

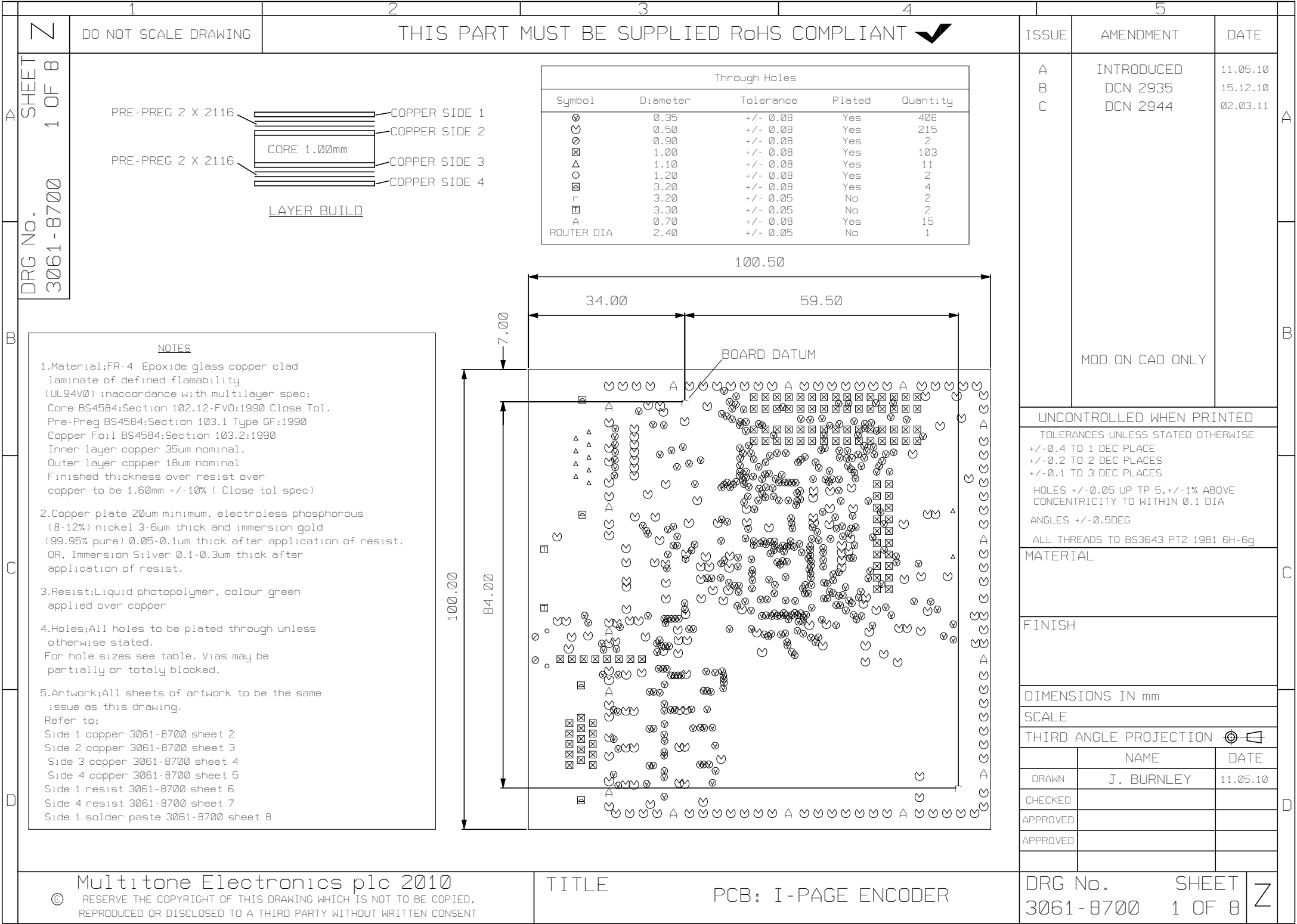
0301-1512

Multitone Electronics p.l.c. 2011
RESERVE THE COPYRIGHT OF THIS DRAWING WHICH IS NOT TO BE COPIED, REPRODUCED OR DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN CONSENT

TITLE
CCT-RPT501/IP121 HF TX

Multitone Blank A2 Rev12 Feb11





DRG No. 0161-8891

SHEET 1 OF 1

A

DO NOT SCALE DRAWING

Transmitter Board Assy 0402-0017
comes with end plate and connector etc

24573 Screw M3x8mm 3 off

Housing 0761-8857
includes end plate fixing screws
and rubber feet and wall brackets.
(not available as a spare part)

End Plate 0961-8735
(not available as a spare part)

Encoder Board 0402-0018

End Plate fixing Screws Self Tap 8 off
supplied with housing 0761-8857
(not available as a spare part)

20538 Shakeproof Washer M4

24643 Screw M4x8mm

ISSUE	AMENDMENT	DATE
A	INTRODUCED	1.8.11
	Uncontrolled When Printed	



This Part Must be Supplied
RoHS Compliant

TOLERANCES UNLESS STATED OTHERWISE
± 0.4 TO 1 DEC. PLACE
± 0.2 TO 2 DEC. PLACES ANGLES ± 2 °
± 0.1 TO 3 DEC. PLACES
HOLES ±0.05 UP TO 5 ±1% ABOVE
CONCENTRICITY TO WITHIN 0.1 DIA.
ALL THREADS TO BS3643 PT2 1981 CLASS 6H - 6g

MATERIAL
See Drawing

FINISH
See Drawing

DIMENSIONS IN mm
SCALE :1:2
THIRD ANGLE PROJECTION

	NAME	DATE
DRAWN	P.McMullan	1.8.11
CHECKED	B.Merchant	1.8.11
APPROVED	P.McMullan	1.8.11
APPROVED	Jim Curtis	1.8.11

WEIGHT:

Multitone Electronics p.l.c. 2011
© RESERVE THE COPYRIGHT OF THIS DRAWING WHICH IS NOT TO BE COPIED
REPRODUCED OR DISCLOSED TO A THIRD PARTY WITHOUT WRITTEN CONSENT

TITLE
Spares Assy i-Page

DRG No. 0161-8891
SHEET 1 OF 1
A