



PC3260M		ISSUE C	
LAYER STRUCTURE			
LAYER	DESCRIPTION	COMMENT	
G	COMPONENT IDENT-TOP		
I	SOLDER RESIST-TOP	MOSTLY RESIST	
A	TOP TRACKS	SEE IMPEDANCE TABLES	
B	GROUND PLANE	MOSTLY COPPER	
C	INNER TRACKS 1	SEE IMPEDANCE TABLES	
D	INNER TRACKS 2	SEE IMPEDANCE TABLES	
E	POWER PLANE	MOSTLY COPPER	
F	BOTTOM TRACKS	SEE IMPEDANCE TABLES	
J	SOLDER RESIST-BOTTOM		
H	COMPONENT IDENT-BOTTOM	MOSTLY RESIST	

HOLE SIZES (FINISHED)				
TOOL	SYMBOL	SIZE(mm)	PLATED	QTY
T01	Y	0.2	YES	170
T02	.	0.3	YES	77
T03	Y	3.3	YES	3
T03	◆	1.1	NO	4

TABLE OF CONTROLLED IMPEDANCES				
LAYER	TRACK D-CODE	TRACK WIDTH	MIN. GAP	Z ₀ REF: LAYER/LAYERS
A	*	.009*	.004*	50 B (MICROSTRIP)
C & D	*	.009*	.004*	50 B&E (STRIPLINE)
F	*	.009*	.004*	50 E (MICROSTRIP)

MANUFACTURING NOTES

1. STYLE :- MULTILAYER (6 LAYERS)
2. MATERIAL :- FR4.
3. FINISHED BOARD THICKNESS :- 1.6mm.
4. BASE COPPER
OUTER :- 17 MICRONS,
INNER :- 35 MICRONS.
5. FINISH :- IMMERSION TIN.
6. SOLDER RESIST :- 2 OFF, GREEN, PHOTOIMAGABLE.
7. COMPONENT IDENT. :- 2 OFF, WHITE.
8. RELEASE :- CERTIFICATE OF CONFORMITY.

* RS274X GERBER FORMAT USED

TABLE OF DIFFERENTIAL IMPEDANCES				
LAYER	TRACK D-CODE	TRACK WIDTH	MIN. GAP	Z ₀ REF: LAYER/LAYERS
F	*	.007*	.007*	100 #

* RS274X GERBER FORMAT USED
DIFFERENTIAL IMPEDANCE OF 100 OHMS REQUIRED BETWEEN PAIRS OF .007" TRACKS RUNNING IN PARALLEL SEPERATED BY A .007" GAP

C	19-11-2005	TE282	R. BRUMFITT	M. ROBERTS	V. PERERA
B	08-04-2005	TE264	R. BRUMFITT	M. ROBERTS	V. PERERA
A	15-09-2003	- - -	R. BRUMFITT	M. ROBERTS	W. O'IAN
ISSUE	DATE	MOD NO.	DRAWN	CHECKED	APPROVED
USED ON			ATLAS CALORIMETER LEVEL 1 TRIGGER		
COUNCIL FOR THE CENTRAL LABORATORY OF THE RESEARCH COUNCILS			RUTHERFORD APPLETON LABORATORY, CHILTON, OXON. OX11 00X		
TITLE			PC3260M		
			TTC DECODER CARD		
			DRILLING		
			54/05		
A	3 - T E - 0 0 9 7 - 0 7 1 - 0 0 - C				TOTAL NO. OF SHEETS
					1

TOLERANCE UNLESS STATED	FINISH	ORIGINAL SCALE
HOLES +/- 0.05mm	SEE NOTES	1:1
GENERAL +/- 0.1mm	REMOVE ANY BURRS	DO NOT SCALE
MATERIAL & SPEC	SURFACE TEXTURE micro m	0
SEE NOTES	UNLESS STATED	50mm