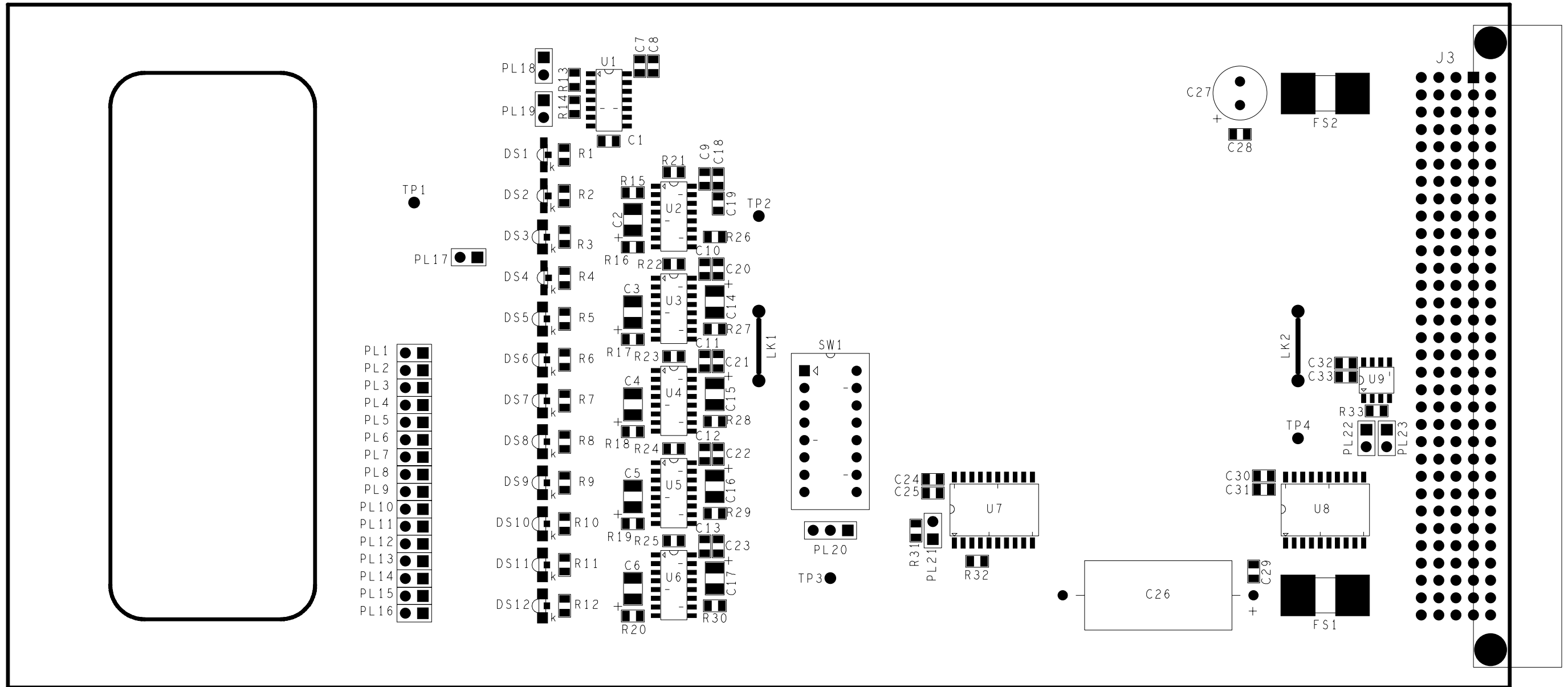


A	27-01-2004	---	D. J. BECKETT	M. POSTRANECKY	M. POSTRANECKY	
ISSUE	DATE	MOD NO.	DRN BY.	CHKD.	APPD.	STATUS
USED ON			ATLAS SCT			© CCLRC 2004
CCLRC			RUTHERFORD APPLETON LABORATORY, CHILTON, OXON OX11 0QX.			
TITLE			PC3271M CIRCUIT			
			TIM TEST BOARD			
A2-TE-0120-001-00-A			TOTAL NO. OF SHEETS 1			

A 2-TE-0120-001-00-A

BOARD VIEWED ON 'A' FACE

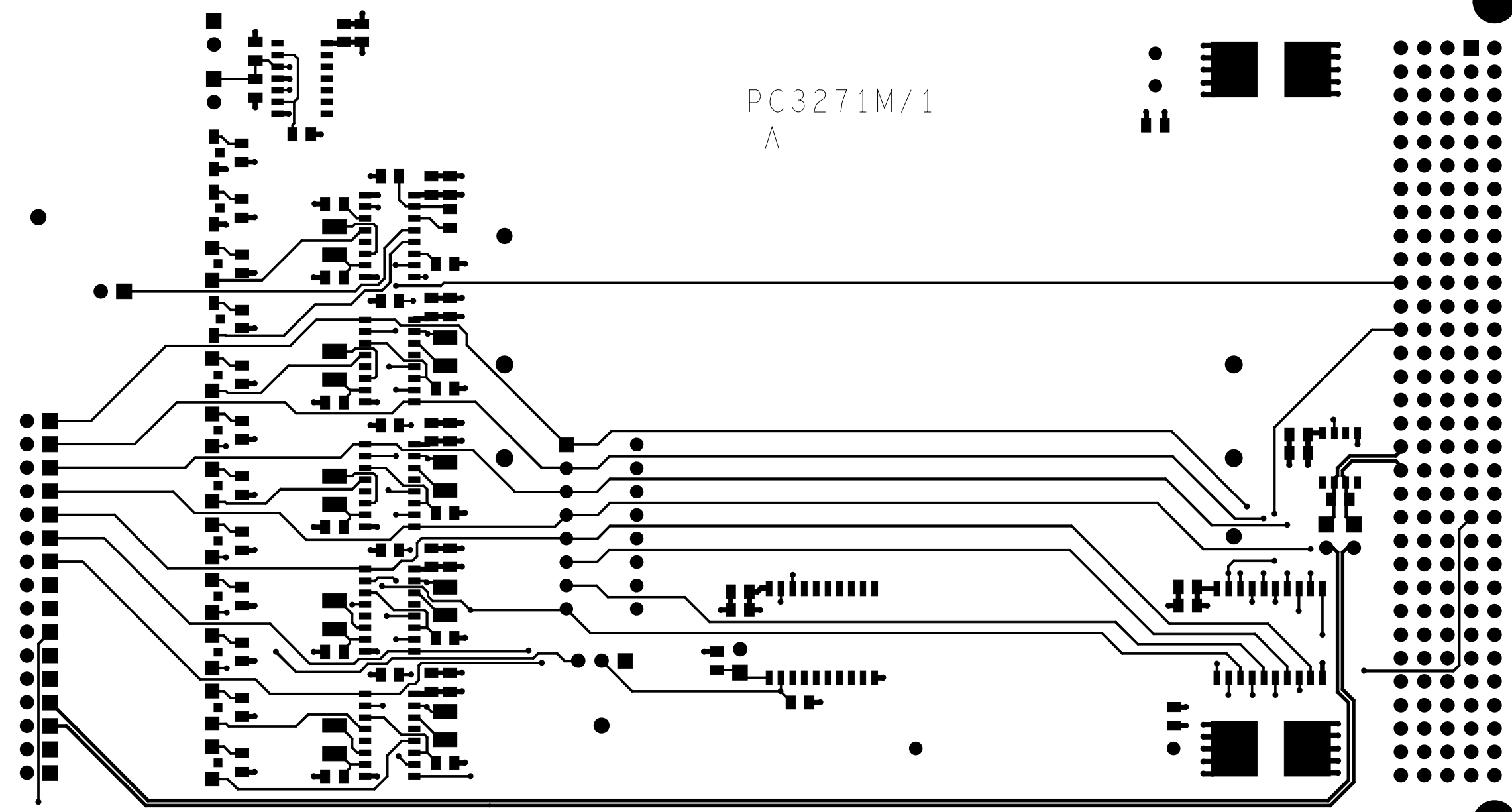
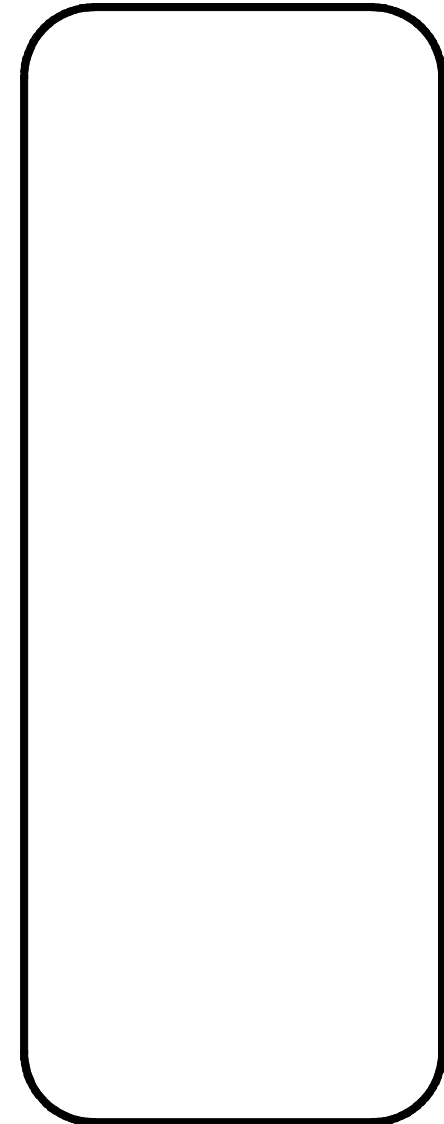


KITTING LIST for: PC3271M

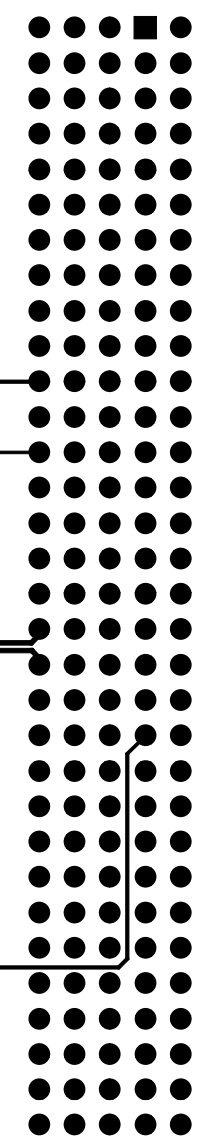
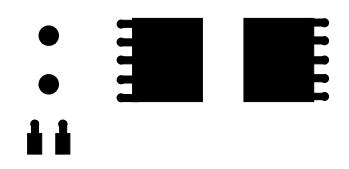
OM Job No:

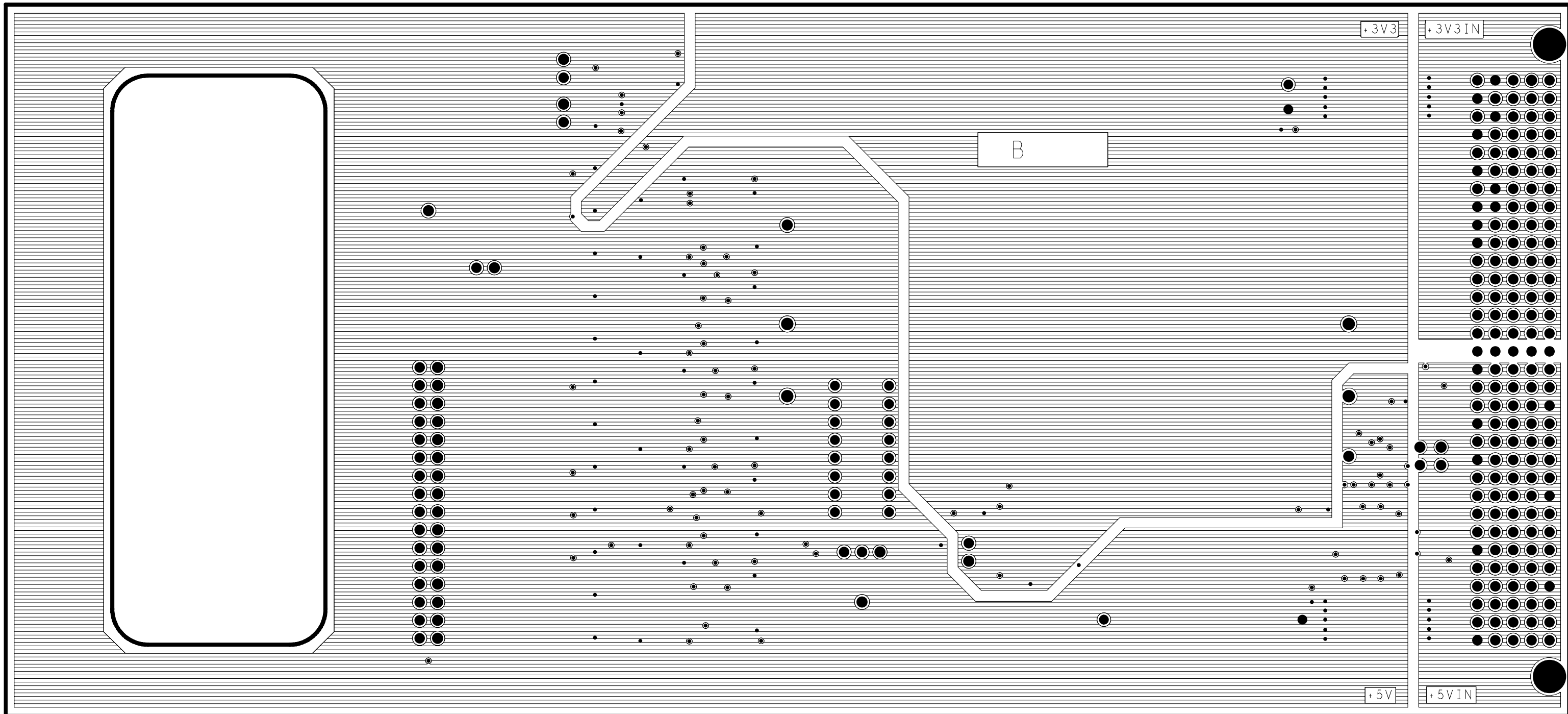
Engineer	Designer	PC Issue	Circuit Issue	Qty	Cost Centre	Checked & Approved (Signed & dated)
M.POSTRANECKY	D.J.BECKETT	1	A			

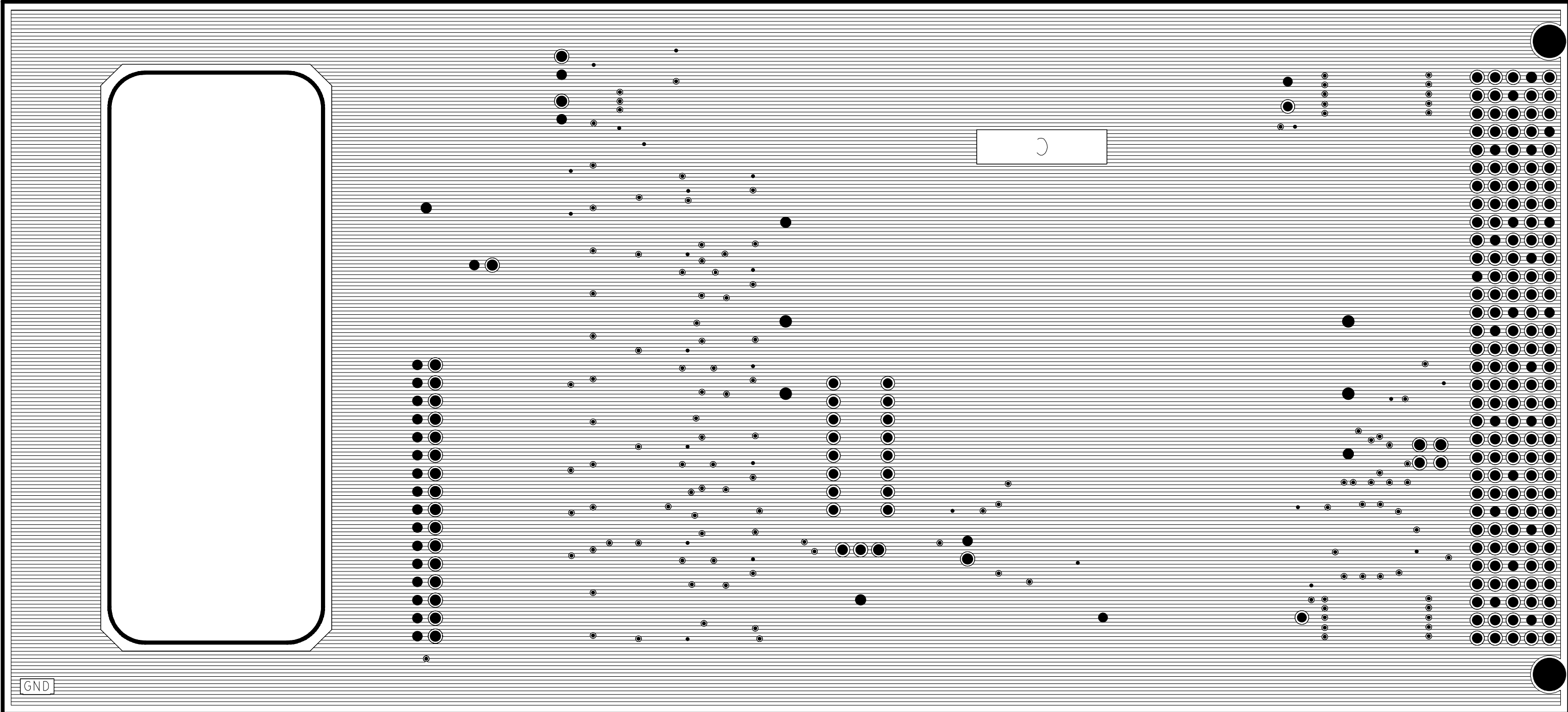
Comp Ref	Manufacturer & Part No or Supplier's Name & Part No	Part Description	Board Qty	Kit Qty	Kit	Kit	Kit	Kit	Not Issued	Check	Comments
-	PC3271M/1	PC Board	1								-
C1	RS 298-9258	100pF SMD Capacitor, 0805, COG Dielectric, 100V	1								-
C2-6 C14-17	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B	9								-
C7 C9-13 C24 C30 C32	AVX-KYOCERA 08055C103KAT00J	10nF SMD Capacitor, 0805	9								-
C8 C18 C20-23 C25 C28 C29 C31 C33	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805	11								-
C19	Siemens B37940K5470J60	47pF SMD Capacitor, 50V, 0805	1								-
C26	Farnell 912-967	1000uF 16V Axial Electrolytic	1								-
C27	Farnell 920-460	470uF 16V Electrolytic	1								-
DS1 DS2 DS4	Agilent Technologies HSMG-C110	Rt-Ang Surface Mount Green LED	3								-
DS3	Agilent Technologies HSMD-S660	Rt-Ang Surface Mount Orange LED	1								-
DS5-12	Agilent Technologies HSMH-C660	Rt-Ang Surface Mount Red LED	8								-
FS1 FS2	RS 344-5096	5A SMD Fuse in Holder, OMF63 Series	2								-
J3	Harting 02011602101	160way Rt-Ang Plug Har-Bus 64 System	1								-
LK1 LK2	Farnell 175-319	2 pin 0.4 inch pitch Jumper	2								-
PL1-19 PL21-23	Harwin M20-999 02 05	Harwin Straight 2 pin Header	22								-
PL20	Harwin M20-999 03 05	Harwin Straight 3 pin Header	1								-
R1-12	Farnell 613-058	470R SMD Resistor, 0.1W, 0805	12								-
R13 R14	Farnell 613-010	220R SMD Resistor, 0.1W, 0805	2								-
R15 R26-32	Farnell 613-216	10K SMD Resistor, 0.1W, 0805	8								-
R16-20 R22-25	Farnell 613-290	47K SMD Resistor, 0.1W, 0805	9								-
R21	Farnell 613-174	4.7K SMD Resistor, 0.1W, 0805	1								-
R33	Farnell 612-972	100R SMD Resistor, 0.1W, 0805	1								-
SW1	Erg DS16C1-8	8way DIL Slide Switch	1								-
TP1-4	Vero 20-2137D	Black 1.02mm Test Point	4								-
U1	Philips N74F74D	SMD Dual D-Type Positive-Edge Trigger Flip-Flops	1								-
U2-6	TI SN74LS123D	SMD Dual Monostable	5								-
U7 U8	Philips 74LVT244AD	3-State Low Voltage Octal Buffer	2								-
U9	Motorola MC100ELT21D	Differential PECL to TTL Translator	1								-



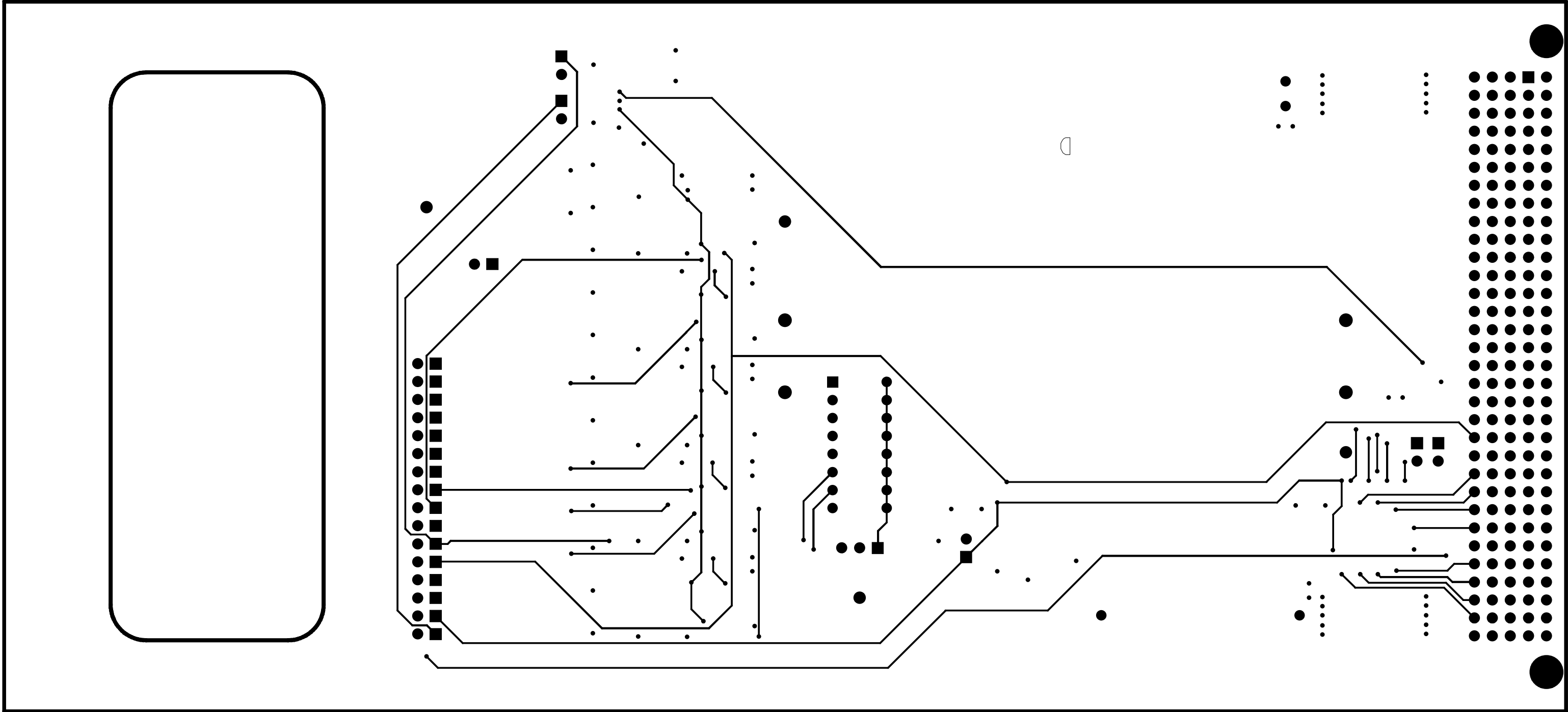
PC3271M/1
A

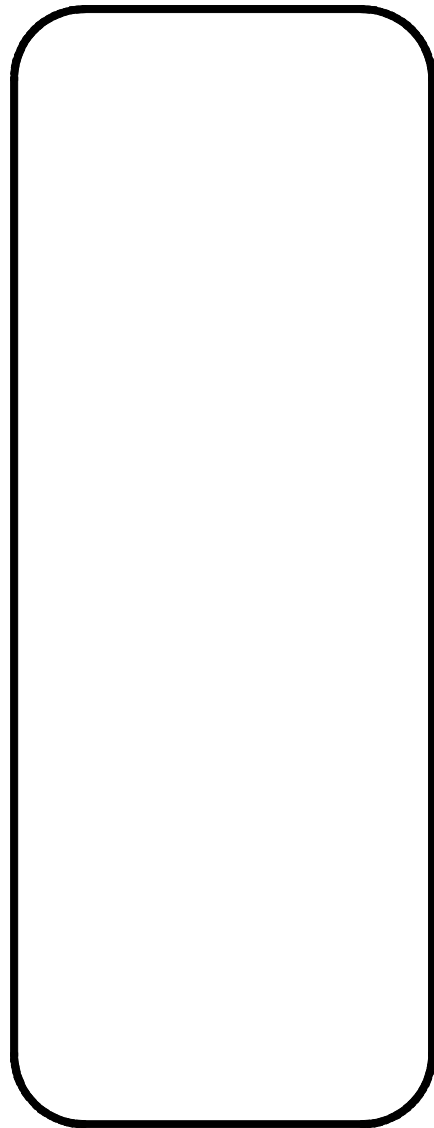






GND





ATLAS SCT
TIM TEST BOARD
PC3271M/1
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