



A	07-01-2004	- - - -	D. J. BECKETT	M. POSTRANECKY	M. POSTRANECKY	PROVISIONAL	
ISSUE	DATE	MOD NO.	DRN BY.	CHKD.	APPD.	STATUS	
USED ON ATLAS SCT						© CCLRC 2004	
CCLRC COUNCIL FOR THE CENTRAL LABORATORY RUTHERFORD APPLETON LABORATORY, CHILTON, OXON OX11 0QX. OF THE RESEARCH COUNCILS							
TITLE PC3271M CIRCUIT TIM TEST BOARD							
53/03							
A2-TE-0120-001-00-A							

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	PROVISIONAL	PROVISIONAL			

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
C1	RS 298-9258	100pF SMD Capacitor, 0805, COG Dielectric, 100V	1								-
C2	RS 125-834	47pF, 100V Low-K Capacitor	1								-
C3-11	AVX-KYOCERA TAJB475K016R	4.7uF SMD 16V Capacitor, Case Size B	9								-
C12-19 C28 C29 C33	AVX-KYOCERA CM21X7R104K25VAT	100nF SMD Capacitor, 0805	11								-
C20	Farnell 912-967	1000uF 16V Axial Electrolytic	1								-
C21-27 C31 C32	AVX-KYOCERA 08055C103KAT00J	10nF SMD Capacitor, 0805	9								-
C30	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								-
PL1-24	Harwin M20-999 02 05	Harwin Straight 2 pin Header	24								-
R1	Farnell 612-972	100R SMD Resistor, 0.1W, 0805	1								-
R2 R3	Farnell 613-010	220R SMD Resistor, 0.1W, 0805	2								-
R4	Farnell 613-174	4.7K SMD Resistor, 0.1W, 0805	1								-
R5 R9 R12 R18 R22 R25 R31 R32	Farnell 613-216	10K SMD Resistor, 0.1W, 0805	8								-
R6 R13-16 R19 R26-30 R33	Farnell 613-058	470R SMD Resistor, 0.1W, 0805	12								-
R7 R8 R10 R11 R17 R20 R21 R23 R24	Farnell 613-290	47K SMD Resistor, 0.1W, 0805	9								-
TP1	Vero 20-2137D	Black 1.02mm Test Point	1								-
U1	Motorola MC100ELT21D	Differential PECL to TTL Translator	1								-
U2 U3	Philips 74LVT244AD	3-State Low Voltage Octal Buffer	2								-
U4	Philips N74F74D	SMD Dual D-Type Positive-Edge Trigger Flip-Flops	1								-
U5-9	TI SN74LS123D	SMD Dual Monostable	5								-