# KITTING LIST for: PC3124M

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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| C1-4 C8 C12 C14 C15 C17-19 C22-32 C35-50 | AVX-KYOCERA CM21X7R104K25VAT | 100NF SMD CAPACITOR, 0805 | 38 | | | | | | | | - |
| C5-7 C11 C13 C20 C21 | AVX-KYOCERA TAJB475K016R | 4.7UF SMD 16V CAPACITOR, CASE SIZE B | 7 | | | | | | | | - |
| C9 | PANASONIC ECHU1H101GB5 | 100PF SMD CAPACITOR, 0805 | 1 | | | | | | | | - |
| C10 | AVX-KYOCERA 08055C473KAT00J | 47NF SMD CAPACITOR, 0805 | 1 | | | | | | | | - |
| C16 | AVX-KYOCERA TAJD476K016R | 47UF SMD 16V CAPACITOR, CASE SIZE D | 1 | | | | | | | | - |
| C33 | FARNELL 912-967 | 1000UF 16V AXIAL ELECTROLYTIC | 1 | | | | | | | | - |
| C34 | AVX-KYOCERA CM21X7R474K16VAT | 470NF SMD CAPACITOR, 0805 | 1 | | | | | | | | - |
| C51 | FARNELL 920-460 | 470UF 16V ELECTROLYTIC | 1 | | | | | | | | - |
| D1 | FARNELL 368-106 | 1N4148PS, SMALL SIGNAL DIODE | 1 | | | | | | | | - |
| DS1 | SCHROFF 69004-290 | BI-LEVEL LOW CURRENT RED/YELLOW 3.2MM LED | 1 | | | | | | | | - |
| DS2 | SCHROFF 69004-286 | BI-LEVEL LOW CURRENT RED/RED 3.2MM LED | 1 | | | | | | | | - |
| DS3 | SCHROFF 69004-291 | BI-LEVEL LOW CURRENT YELLOW/GREEN 3.2MM LED | 1 | | | | | | | | - |
| DS4 | SCHROFF 69004-287 | BI-LEVEL LOW CURRENT GREEN/GREEN 3.2MM LED | 1 | | | | | | | | - |
| FS1 | FARNELL 752-710 | 15A WIRE ENDED FUSE | 1 | | | | | | | | - |
| FS2 | FARNELL 529-308 | 10A WIRE ENDED FUSE | 1 | | | | | | | | - |
| J1 J2 | RAL STORES 61/00820 | 96WAY RT-ANG VERO PLUG 905-72178F | 2 | | | | | | | | - |
| J3-10 | LEMO EPC.00.250.DTM | LEMO RT-ANGLE SOCKET SIZE 00, PCB MOUNT | 8 | | | | | | | | - |
| J11 | LEMO EPG.302.HLN | LEMO SOCKET, 2 FEMALE PCB MOUNT | 1 | | | | | | | | - |
| J12-15 | 3M 3793-5302 | 10WAY RT-ANG IDC HEADER, CLASS II | 4 | | | | | | | | - |
| J16 | 3M 2510-6002 | 10WAY VERTICAL IDC HEADER, CLASS II | 1 | | | | | | | | - |
| JAUX | ERNI(STUC3) 30-M-ABC | 30WAY RT-ANG PCB PLUG | 1 | | | | | | | | - |
| LK1-3 | COMATEL 3000500 | 2 PIN 0.6 INCH PITCH JUMPER | 3 | | | | | | | | - |
| PL1-7 | HARWIN M20-999 02 05 | HARWIN STRAIGHT 2 PIN HEADER | 7 | | | | | | | | - |
| Q1-5 | FARNELL 358-010 | GENERAL PURPOSE SWITCHING NPN TRANSISTOR | 5 | | | | | | | | - |
| Q6-8 | FARNELL 358-848 | HIGH SPEED SWITCHING PNP TRANSISTOR | 3 | | | | | | | | - |
| R1 R2 R11 R12 R15 R16 | FARNELL 613-290 | 47K SMD RESISTOR, 0.1W, 0805 | 6 | | | | | | | | - |
| R3-8 R22 R23 R32-34 R40-42 R44-46 R54-61 | FARNELL 613-058 | 470R SMD RESISTOR, 0.1W, 0805 | 25 | | | | | | | | - |

# KITTING LIST for: PC3124M

OM Job No:

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| R9 R10 R13 R14 R19-21 R24-31 R35 R37 R39 R48-53 R62-67 R72-83 | FARNELL 613-095 | 1K0 SMD RESISTOR, 0.1W, 0805 | 42 | | | | | | | | - |
| R17 R47 R68-71 | FARNELL 612-972 | 100R SMD RESISTOR, 0.1W, 0805 | 6 | | | | | | | | - |
| R18 | FARNELL 613-216 | 10K SMD RESISTOR, 0.1W, 0805 | 1 | | | | | | | | - |
| R36 R38 R43 | FARNELL 612-996 | 150R SMD RESISTOR, 0.1W, 0805 | 3 | | | | | | | | - |
| R84-87 | FARNELL 613-174 | 4.7K SMD RESISTOR, 0.1W, 0805 | 4 | | | | | | | | - |
| RN1 | FARNELL 148-969 | 470R, 7-COMMONED RESISTORS, 200MW | 1 | | | | | | | | - |
| RN2 RN3 | FARNELL 148-980 | 470R, 8-COMMONED RESISTORS, 200MW | 2 | | | | | | | | - |
| RN4 | FARNELL 148-981 | 1K, 8-COMMONED RESISTORS, 200MW | 1 | | | | | | | | - |
| RV1 | FARNELL 347-747 | 5K0, 3266X VARIABLE RESISTOR, 0.25W | 1 | | | | | | | | - |
| SW1 SW2 | RS 664-389 | SPST RIGHT-ANGLE MOMENTARY SWITCH | 2 | | | | | | | | - |
| SW3-7 | OMRON A6D6100 | 6WAY DIL SWITCH | 5 | | | | | | | | - |
| SW8 SW9 | OMRON A6D8100 | 8WAY DIL SWITCH | 2 | | | | | | | | - |
| U1 U2 U6 | TI SN74123N | DUAL MONOSTABLE | 3 | | | | | | | | - |
| U3 U4 U18 | MOTOROLA MC10H125P | QUAD ECL TO TTL TRANSLATOR | 3 | | | | | | | | - |
| U5 U19 U20 | MOTOROLA MC10H124P | QUAD TTL TO ECL TRANSLATOR | 3 | | | | | | | | - |
| U7 | PHILIPS N74F14N | HEX SCHMITT-TRIGGER INVERTERS | 1 | | | | | | | | - |
| U8 U9 U13 | EUROQUARTZ SPG8640AN | PROGRAMMABLE CRYSTAL OSCILLATOR | 3 | | | | | | | | - |
| U10 | ECM GBS-204-80.16-C | 80.16MHZ CRYSTAL CLOCK OSCILLATOR | 1 | | | | | | | | - |
| U11 | TI SN74S124N | DUAL VOLTAGE CONTROLLED OSCILLATOR | 1 | | | | | | | | - |
| U12 U23 | TI SN74F74N | DUAL D-TYPE POSITIVE-EDGE TRIGGER FLIP-FLOPS | 2 | | | | | | | | - |
| U14-16 U21 U24 U26 U28 U29 | DATA DELAY DEVICES PDU-16F-.5 | 6 BIT PROGRAMMABLE DELAY UNIT, TTL 0.5NS STEPS | 8 | | | | | | | | - |
| U17 U22 U48-51 | PHILIPS N74F541N | OCTAL BUFFERS, 3-STATE OUTPUTS | 6 | | | | | | | | - |
| U25 | TI SN74LS541N | OCTAL BUFFERS WITH 3 STATE OUTPUTS | 1 | | | | | | | | - |
| U27 | NSC 74F32PC | QUAD 2-INPUT OR GATE | 1 | | | | | | | | - |
| U30 | AMD M5-512/120-7HC | HIGH DENSITY PLD | 1 | | | | | | | | - |
| U31 | NEWPORT 50A10500 | ACTIVE BUFFERED 10-TAP, 5NS STEP DELAY LINE | 1 | | | | | | | | - |
| U32 U33 | NSC 74F573PC | OCTAL D-TYPE LATCH, 3 STATE OUTPUTS | 2 | | | | | | | | - |
| U34-37 U39-42 U45 | TI SN74ALS996NT | 8-BIT D-TYPE EDGE TRIGGERED READ BACK LATCHES | 9 | | | | | | | | - |
| U38 U43 | AMD M5-256-68-7YC | HIGH DENSITY PLD | 2 | | | | | | | | - |
| U44 U46 | NSC 74F543PC | OCTAL REGISTERED TRANSCEIVER | 2 | | | | | | | | - |
| U47 | PHILIPS N74F540N | OCTAL INVERTERS, 3-STATE OUTPUTS | 1 | | | | | | | | - |
| U52 | TI SN74F38N | QUAD 2 INPUT NAND BUFFER | 1 | | | | | | | | - |

# KITTING LIST for: PC3124M

OM Job No:

## SUPPLEMENTARY PARTS LIST

| 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 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| - | PC3124M | PC BOARD | 1 | | | | | | | | - |
| - | VERO 957-244797B | 6Ux4HP FRONT PANEL KIT | 1 | | | | | | | | - |
| - | VERO 173-44767C | FRONT PANEL MOUNTING BLOCKS | 2 | | | | | | | | - |
| - | ELECTROSPEED 19-38208F | SNAP OFF STRIP HEADERS FOR FUSES | 1 | | | | | | | | CUT FROM 20-PIN STRIP, 2 PINS PER FUSE |
| - | HARWIN M7567-05 | INSULATED 2-WAY JUMPER SOCKET | 7 | | | | | | | | - |
| - | FARNELL 179-882 | 16-PIN NON-DECOUPLED IC SOCKET | 6 | | | | | | | | - |
| - | FARNELL 178-211 | 14-PIN DECOUPLED IC SOCKET | 6 | | | | | | | | - |
| - | FARNELL 178-212 | 16-PIN DECOUPLED IC SOCKET | 7 | | | | | | | | - |
| - | FARNELL 178-213 | 20-PIN DECOUPLED IC SOCKET | 10 | | | | | | | | - |
| - | FARNELL 178-214 | 24-PIN DECOUPLED IC SOCKET | 19 | | | | | | | | - |