

C.A. 640P - Upgrade Parts Used (July 2012)

From Digi-Key (USA) invoiced £20.34 after shipping/duty/vat £38.81 Aaaagh!!!

(Their part No's)

Op Amps

Pos.U5 - AD823ANZ-ND (x1) MC input stage

Pos.U3,U4 - LM4562NA-ND (x2) Dual output stages

Capacitors (Panasonic)

Pos.C31,C64 - P1179-ND (x2) 47uf 25v (16v original) Non polarised electrolytic

Pos.C44,C56 - P1144-ND (x2) 220uf 6.3v Non polarised electrolytic

Pos.C88,C89 - P1146-ND (x2) 470uf 6.3v Non polarised electrolytic

Pos.C1,C3,C5,C6 - P11258-ND (x4) 330uf 50v Polarised electrolytic

Pos.C2,C4 - P10305_ND (x2) 1000uf 35v Polarised electrolytic

Pos.C95 - P10312-ND (x1) 1uf 50v Polarised electrolytic

Pos.C9,C10,C94 - P10269-ND (x3) 100uf 25v Polarised electrolytic

Pos.C11 - P11212-ND (x1) 10uf 25v Polarised electrolytic

Pos.C57,C65,C83,C84 - P10275-ND (x4) 470uf 25v Polarised electrolytic

Pos.C42,C43,C55 - P10278-ND (x3) 1000uf 25v Polarised electrolytic

From Hificollective (UK) Invoiced £18.70 after vat/shipping £26.94

(Their part No's)

Diodes

Pos.D1,D2,D3,D4,D6,D7,D8,D13 - D-11DQ10 (x8) Schottky rectifier diodes

Capacitors

Pos.C35,C75 - SMC-100 (x2) 22pf 500v Silver mica
(OpAmp bypass on output stages)

Resistors

Pos.R60,R77 - REY25-290 (x2) 470R 0.25W Takman metal film (cartridge loading)

Pos.R15,R16 - REY25-225 (x2) 130R 0.25W Takman metal film (cartridge loading)

Pos.R54,R71 - REY25-100 (x2) 12R 0.25W Takman metal film (3dB gain increase)

From AudioCap (UK) invoiced £4.17 after vat/shipping £9.00

(Their part No's)

Capacitors

Pos.C98,C99 - FSCEX33P160Y (x2) 33pf 160v Polystyrene
(OpAmp bypass on input stage)

From Maplin (UK) invoiced £14.16 after vat/shipping £16.99

(Their part No's)

Power Supply

#L54BR (x1) AC-AC 12V 3A PSU (Replacement for wall wart)

Total cost for Project is £57.37 invoiced and after taxes and shipping £91.74

(Original unit given free with turntable purchased off eBay)

Excludes wire, solder, bits I had lying round like RCA sockets etc.