

Blad1

3TrinsRGB-1c Output Expander v2c BOM 2022

Resistors

r2, r11, r12	75r (1% metal film)	3
r5, r7, r10	499r (1% metal film)	3
r1, r3, r4, r6, r8, r9	1k (1% metal film)	6

Ferrite

f1	Z=68r at 100MHz	1
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Capacitors

c2, c3, 4	100nf (2.5mm)	3
c1	10uf (16v electrolythic)	1
c5, c6, c7	220uf (16v electrolythic)	3

IC

IC1, IC2, IC3	OPA340	3
sockets	8 pin PDIP	3

Headers

8 pin (2x4) male shrouded IDC	2.54mm pitch	2
8 pin (2x4) female keyed IDC connector	2.54mm pitch	2
Flatcable	2.54mm pitch	1

Connectors

S-Video connector 571-5749181-1	(box) rightangled	1
RCA yellow (RCJ-044)	(box) rightangled	1
Jack socket (PJ302M)	mono rightangled	3

Hardware

4/40 screw 1/4" length		4
Mounting hardware	THRD BRKT STL Z PL	2

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