

MyRef Rev C/FE Premium BoM for V1.4 PCB

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| BR1: | (omitted – substituted by DR1..DR4) |
| C1, C2: | 220uF/100V Elna RE3 (blue/white) or Nichicon Muse KZ (black/gold) |
| C3, C8: | 10,000uF/50V Panasonic TS-UP or equivalent (not included in kit) |
| C4: | 100nF/160V Wima MKP10 metalized polypropylene or equivalent (red, 15mm pitch) |
| C5: | 100nF/250V Wima MKS3/MKS4 metalized polyester or equivalent (red) |
| C6, C11: | 100uF/25V Nichicon Muse FG Fine Gold (gold/black) or equivalent |
| C7: | 6.8nF/63V ERO MKP1837 (blue, unused if C23 is installed) |
| C9: | 220uF/25V Nichicon Muse KZ (12.5mm, black/gold) or equivalent |
| C10: | 22pF/100V (Rev C) or 27pF..33pF (Rev FE) NP0/C0G or Silver Mica |
| C12: | 220pF/100V Wima FKP2 (red/green) or Evox CFR polycarbonate film/foil (yellow) |
| C13: | 1.0uF/400V Panasonic ECQ-E (brown, 22.5 mm) or equivalent |
| C14: | 220uF/35V Nichicon PJ/PW (8 mm, brown/white) or equivalent |
| C15: | 22uF/50V Panasonic NHG or equivalent |
| C16: | 100uF/50V Nippon Chemi-Con KY (10mm, brown/white) or equivalent |
| C21: | 10..22nF/63V Wima FKP2/FKS3/MKP10/MKP2 or equivalent (optional) |
| C22: | 10nF/100V Wima FKP2/FKS3 film/foil or equivalent (optional) |
| C23: | 10nF/63V Evox/Rifa PFE225 polystyrene film/foil or equivalent (if C7 is not installed) |
| C30: | 1000pF/100V Wima FKP2 polypropylene film/foil or equivalent (red/green) |
| C32: | 150pF/100V (Rev C) Wima FKP2 (red/green) |
| C34: | 10pF (Rev C) or 22..27pF (Rev FE) C0G/Silver Mica |
| D2, D3: | UF4007 (fast/soft rectifier) or equivalent |
| D4: | 1N4003 or equivalent |
| DR1..DR4: | MUR820/840/860/8100 (ON Semi) or equivalent (8A, fast-soft rectifier) |
| IC1: | LM318 (TI/NatSemi), LF01 or LF05 Class-A discrete op-amp module |
| IC2: | LM3886TF (NatSemi) (not included in kit) |
| P1: | 2-pin input connector block |
| Q1: | BC639 TO92 NPN transistor (Philips/ON Semi or equivalent) |
| Q2, Q3: | BC546B TO92 NPN transistor (Philips/ON Semi or equivalent) |
| R1, R4: | 1k/2W/1% Dale CMF65 MFR (brown) |
| R2, R19: | 10.5k/0.25W/5% PRP MFR (red) or equivalent |
| R3: | 0.47R/5W Futaba MPC74 or KOA BPR56 non-inductive metal-plate resistor (white) |
| R5, R8: | 20k..24k/0.25W RN55D MFR (matched to 0.1% or better) |
| R6, R9: | 43k..56k/0.25W RN55D MFR (matched to 0.1% or better) |
| R7: | 12k/0.25W/1% PRP MFR (red, match across 2 channels within 1%) |
| R10: | 390R/0.25W/1% Dale CMF55 MFR (brown, match across 2 channels within 1%) |
| R11: | 1R/0.5W/5% CFR |
| R12, R37: | 3k3/0.5W/1% Dale CMF60 MFR (brown) |
| R13, R21: | 100k/0.25W/5% CFR/MFR |
| R14: | 180R/1W/5% CFR/MFR |
| R15, R16: | 75k/0.25W/1% PRP MFR (red) or equivalent |
| R20: | 47k/0.25W/1% Dale CMF55 MFR (brown) or equivalent |
| R22: | 8k2/0.25W/5% CFR/MFR |
| R23: | 6k8/0.5W/5% CFR/MFR |
| R39: | 470k/0.25W/1% MFR |
| R42: | 51.1R/0.25W/1% Dale CMF55 MFR (brown, Rev C) or 0R jumper (Rev FE) |
| R43: | 22k/0.25W/1% Dale CMF55 MFR (brown) or equivalent |
| RL1: | Goodsky RW-SH-124D (blue) or Omron G5LE-14-BG 24V (black) Sugar-cube relay |
| ZD1, ZD2: | 1N5349B 12V/5W or equivalent Zener Diode |