

| MCP42100 Breakout BOM | | | | | | | | |
|-----------------------|----------------------|-----|--------------|-----------------|---|-------------------|-----------|----------------------|
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| Item # | Reference Designator | Qty | Manufacturer | Mfg Part # | Description / Value | Package/Footprint | Type | Instructions / Notes |
| 1 | C1 | 1 | Samsung | CL21B104KBCNNWC | Capacitor MLCC 100nF ±10% 50V X7R 0805 | 0805 | SMD | |
| 2 | J2 | 1 | Sullins | PREC006SAAN-RC | Connector Male Header Through Hole 6 position 0.1" | 6POS | THRU-HOLE | |
| 3 | J1 | 1 | Sullins | PREC008SAAN-RC | Connector Male Header Through Hole 8 position 0.1" | 8POS | THRU-HOLE | |
| 4 | R1 R2 | 2 | Panasonic | ERJ-6GEYJ103V | RES SMD 10K OHM 5% 1/8W 0805 | 0805 | SMD | |
| 5 | U1 | 1 | Microchip | MCP42100-I/SL | Digital Potentiometer 100k Ohm 2 Circuit 256 Taps SPI 14-SOIC | 14-SOIC | SMD | |