

Monterey (MAXREFDES15#) BOM RevA

Designation	Qty	Description
C1, C8, C17, C18, C22, C23	6	1000pF ±5%, 25V ceramic capacitors (0603)
C2	1	1µF±10%, 50V, ceramic capacitor (0805)
C3	1	0.1µF±10%, 50V, ceramic capacitor (0805)
C4	1	10µF ±10%, 10V ceramic capacitor (0805)
C5–C7, C10, C12–C14, C19, C24–C27	12	0.1µF ±10%, 16V ceramic capacitors (0603)
C9, C11, C20	3	1µF ±10%, 16V, ceramic capacitors (0603)
C15, C16	2	0.1µF ±10%, 16V, ceramic capacitors (0402)
C21	1	0.01µF ±10%, 50V, ceramic capacitor (0603)
D1	1	RB751S40
D2	1	TVS diode, 40V, 400W BI 5%
J1	1	Term block 02 pin, 100mil centers
J2, J7, J9	3	Inline headers, 100mil centers (cut-to-fit)
J3	1	Term block 04 pin, 100mil centers
J4, J5, J8	3	Inline headers, 100mil centers (cut-to-fit)
J6, J13	2	Inline headers, 100mil centers (cut-to-fit)
J12	1	Not installed
Q1	1	NDT014L
Q2	1	MMBT3904
R1	1	287kΩ ±0.1%, 1/10W, 0603 resistor
R2	1	24.9kΩ ±0.1%, 1/10W, 0603 resistor
R3	1	Short
R4	1	301Ω ±1%, 1/10W, 0603 resistor
R5, R8	2	1kΩ ±1%, 1/10W, 0603 resistors
R6	1	24.3Ω ±1%, 1/10W, 0603 resistor
R7	1	Not installed, resistor
R9, R10	2	10kΩ ±1%, 1/10W, 0603 resistors
R11, R13	2	15kΩ ±0.1%, 1/4W, axial resistors
R12	1	Not installed, resistor
R14, R19	2	100Ω ±1%, 1/10W, 0603 resistors
R15	1	2MΩ ±0.1%, 1/10W, 0805 (use 0603) resistor
R16	1	Not installed resistor
R17, R18, R20–R24	6	100Ω ±5%, 1/10W, 0402 resistors
R25	1	10Ω ±1%, 1/10W, 0402 resistor
R26	1	1kΩ ±0.1%, 1/4W, axial resistor
R27	1	6.98kΩ ±0.1%, 1/4W, axial resistor
R28, R29, R33, R34	4	1kΩ ±0.1%, 1/10W, 0603 resistors
R30, R31	2	49.9kΩ ±0.1%, 1/4W, axial resistor
R32	1	2kΩ ±0.1%, 1/8W, 0805 resistors
RS	1	10Ω ±0.1%, 1/4W, axial resistor
U1	1	MAX5216GUA+
U2	1	MAX9620AXK+
U3	1	MAX6133A25+
U4	1	MAX15007AATT+
U5	1	MAXQ615-F00+
U6	1	MAX11200EEE+
U7	1	MAX44248AUA+