



Comment	Description	Designator	Footprint	LibRef	Quantity
100n	Capacitor, Ceramic, X7R, 50V, 0805	C1, C2, C3, C4, C5, C6, C7, C8, C9, C10	CAP_0805	CMP-00010037-01	10
LG R971-KN-1	LED, 570nm, 0805	D1, D2, D3, D4, D5, D6, D7, D8, D9, D10	LED_0805	CMP-00011485-01	10
20x2 Header	20x2 40Pos2Row Female Header 100"	J1	30Pos2RowHeader100"	CMP-00011736-01	1
CON_8PIN		J2, J3, J4, J5, J6, J7, J8, J9, J10, J11, J12, J13, J14, J15, J16, J17, J18, J19, J20, J21	TE_1-406525-1	CON_8PIN	20
90120-0136	Connector, Header, 16 Position, 1 Row, 2.54 mm, C-GRID III, Through Hole Vertical	J22	MOLEX_90120-0136	CMP-00011412-01	1
1k	Resistor, Thick Film, 1%, 0805	R1, R2, R3, R4, R5, R6, R7, R8, R9, R10	RES_0805	CMP-00002903-01	10
1M	Resistor, Thick Film, 1%, 0805	R11, R12, R13, R14, R15, R16, R17, R18, R19, R20, R21, R22, R23, R24, R25, R26, R27, R28, R29, R30, R31, R32, R33, R34, R35, R36, R37, R38, R39, R40, R41, R42, R43, R44, R45, R46, R47, R48, R49, R50, R51, R52, R53, R54, R55, R56, R57, R58, R59, R60, R61, R62, R63, R64, R65, R66, R67, R68, R69, R70, R71, R72, R73, R74, R75, R76, R77, R78, R79, R80, R81, R82, R83, R84, R85, R86, R87, R88, R89, R90	RES_0805	CMP-00002975-01	80
MCP3008		U1, U2, U3, U4, U5, U6, U7	DIP16	MCP3008	10