BCR430U LED BOARD BILL OF MATERIAL (BOM)

Component designator	Description	Manufacturer	Manufacturer part number
C2	Ceramic capacitor, 10 nF, 50 V, X7R		Standard capacitor
D1, D2, D3, D4, D5, D6, D7, D8	White LEDs with V_F approx. 2.8 V at 50 mA at T_j = 25°C	Lumileds	MXA9-PW65-H001
J_onboard, J_outside	Through-hole header, 2.54 mm pitch, two pins, right angle	Würth Elektronik	61300211021
J_jump	Jumper sockets, placed on top of J_onboard	3M	969102-0000-DA
R1	Resistor, 0 Ω, 1%, 1206		Standard resistor
Rset	Resistor, 12 kΩ, 1%, 0805		Standard resistor
U1	BCR430U, SOT23-6	Infineon	SP001659266