

Cosmonode_ext06

Reference	Value	Footprint
J4	CONN_01X08	Socket_Strips:Socket_Strip_Straight_1x08_Pitch2.54mm
J6	CONN_01X08	Socket_Strips:Socket_Strip_Straight_1x08_Pitch2.54mm
J1	227161-1	BNC_P7003:TE_227161-1
U1	CA3140AMZ	Housings_SOIC:SOIC-8_3.9x4.9mm_Pitch1.27mm
U3	TL081BCD	Housings_SOIC:SOIC-8_3.9x4.9mm_Pitch1.27mm
U2	ICL7660AIBAZA	Housings_SOIC:SOIC-8_3.9x4.9mm_Pitch1.27mm
RV1	5k	Potentiometers:Potentiometer_Trimmer_Bourns_3296W
R1	4,7M	Resistors_SMD:R_0603_HandSoldering
C1	2,2nF	Capacitors_SMD:C_0603_HandSoldering
C2	100nF	Capacitors_SMD:C_0603_HandSoldering
C4	10uF	Capacitors_SMD:C_0603_HandSoldering
C6	1uF	Capacitors_SMD:C_0603_HandSoldering
R3	2,2k	Resistors_SMD:R_0603_HandSoldering
R2	1k	Resistors_SMD:R_0603_HandSoldering
C5	100nF	Capacitors_SMD:C_0603_HandSoldering
C3	10uF	Capacitors_SMD:C_0603_HandSoldering
R4	30k	Resistors_SMD:R_0603_HandSoldering
R5	75k	Resistors_SMD:R_0603_HandSoldering
R6	30k	Resistors_SMD:R_0603_HandSoldering
C10	100nF	Capacitors_SMD:C_0603_HandSoldering
C8	10uF	Capacitors_SMD:C_0603_HandSoldering
C11	100nF	Capacitors_SMD:C_0603_HandSoldering
C9	10uF	Capacitors_SMD:C_0603_HandSoldering
D1	LED	LEDs:LED_0603_HandSoldering
R8	1k	Resistors_SMD:R_0603_HandSoldering
C7	100uF	Capacitors_SMD:C_0603_HandSoldering
C12	100uF	Capacitors_SMD:C_0603_HandSoldering
J2	Aloes_Logo	Aloes:Aloes_mini
J3	OSHW_Logo	Symbols:OSHW-Logo_5.7x6mm_SilkScreen

Datasheet	Availability
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227161-1	Good
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CA3140AMZ	Good
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Texas Instruments	Good
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ICL7660AIBAZA	Good
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Description

MF

BNC Series 50 Ohm Right Angle Through Hole Jack Female Socket Connector	TE Connectivity / AMP
CA140 Series 4.5 MHz 9 V/us 36 V BiMOS Operational Amplifier - SOIC-8	Intersil
JFET-Input Operational Amplifier 8-SOIC 0 to 70	
ICL7660 Series 1.5 - 12 Vin 45 mA 10 kHz CMOS Voltage Converter - SOIC-8	Intersil

Package	Price	MP
None	2.39 USD	
SOIC-8 Intersil	1.59 USD	
SOIC-8 Texas Instruments	0.59 USD	TL081BCD
SOIC-8 Intersil	1.20 USD	