

Bill of Materials for CGS381 - Dual Voltage Processor Component Kit V2.1  
**Section 1 [CGS381 - Dual Voltage Processor Component Kit]**

Item	Description	Qty	Designator	Package
<b>CAPACITOR</b>				
1	47pF 5% Ceramic	2	C11, C12	RAD-0.2N
<b>CONNECTOR</b>				
2	8-pin IC Socket 0.3inch	1	U11	DIP-8
<b>DIODE</b>				
3	BAT48 Schottky Diode	2	D11, D12	DIODE-0.3
<b>LINEAR</b>				
4	TL072 Dual JFET Opamp	1	U11	DIP-8
<b>RESISTOR</b>				
5	330R 1% 0.5W Metal Film	2	R16, R19	AXIAL-0.4
6	100K 1% 0.5W Metal Film	6	R11, R12, R13, R15, R17, R18	AXIAL-0.4
7	220K 1% 0.5W Metal Film	1	R14	AXIAL-0.4

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**Section 2 [CGS381 - Dual Voltage Processor Component Kit]**

Item	Description	Qty	Designator	Package
	<b>CAPACITOR</b>			
1	47pF 5% Ceramic	2	C21, C22	RAD-0.2N
	<b>CONNECTOR</b>			
2	8-pin IC Socket 0.3inch	1	U21	DIP-8
	<b>DIODE</b>			
3	BAT48 Schottky Diode	2	D21, D22	DIODE-0.3
	<b>LINEAR</b>			
4	TL072 Dual JFET Opamp	1	U21	DIP-8
	<b>RESISTOR</b>			
5	330R 1% 0.5W Metal Film	2	R26, R29	AXIAL-0.4
6	100K 1% 0.5W Metal Film	6	R21, R22, R23, R25, R27, R28	AXIAL-0.4
7	220K 1% 0.5W Metal Film	1	R24	AXIAL-0.4

