GMSN! Pure VCA BoM 20161102

Qty	RefDes	Description	Value	Manufacturer	Manufacturer P/N	RS P/N	Mouser P/N	Package	Other Vendor	Other P/N
1	PCB	PCB		GMSN!	m-p-vca-v2-pcb					
2	D1, D2	Diode	1N4001	Generic		485-8465	511-STTH102A	SMADIODE		
2	R4, R5	Resistor, 1%	100R	Generic		901-3689	71-CRCW0805100RFKEB	R0805		
1	R12	Resistor, 1%	19K1	Generic		679-0970	71-CRCW080519K1FKEA	R0805		
1	R9	Resistor, 1%	1K	Generic		223-0427	71-CRCW0805-1.0K-E3	R0805		
1	R11	Resistor, 1%	1M	Generic		901-3709	71-CRCW0805-1.0M-E3	R0805		
2	R6, R8	Resistor, 1%	20K	Generic		810-1748	71-CRCW0805-20K-E3	R0805		
1	R10	Resistor, 1%	130k	Generic		679-0875	71-CRCW0805-130K-E3	R0805		
1	R2	Resistor, 1%	2K2	Generic		901-3695	71-CRCW0805-2.2K-E3	R0805		
1	R3	Resistor, 1%	75k	Generic		679-1437	71-CRCW0805-475K-E3	R0805		
1	R7	Resistor, 1%	4K12	Generic		679-1474	71-CRCW0805-4.12K-E3	R0805		
1	R1	Resistor, 1%	56K	Generic		679-1550	71-CRCW080556K0FKEA	R0805		
4	C6, C7, C8, C9	Multilayer Ceramic Capacitor	0.1u	Generic		669-8877	80-C0805C104M5R	C0805K		
1	C1	Multilayer Ceramic Capacitor	15nF	Generic		915-5168	80-C0805C153K5R	C0805K		
1	C3	Multilayer Ceramic Capacitor	22pF	Generic		464-6587	80-C0805C220J5G	C0805K		
3	C2, C4, C5	Electrolytic Capacitor	10u	Generic		737-9704	80-EDK106M050A9GAA	153CLV-0505		
1	U1	TL072	DUAL_OPAMP	Texas Instruments	TL072ACDR	661-0054	595-TL072ACDR	DUAL_OPAMP		
1	U2	VCA Chip	THAT_2181_SMD	THAT Corp	THAT2181C			SOIC--8	Profusion	THAT2181CS08-U
1	PWR	2x5 Shrouded Header		Generic			710-61201021621	2X5-SHROUDED	Rapid	19-0035
1	Panel	Panel		GMSN!	m-p-vca-v2-panel					
2	CV_LEVEL, OFFSET	Alpha Vertical Potentiometer	B100K	Alpha				Q-POT	Thonk	
3	CV_IN, SIG_IN, SIG_OUT	3.5mm Jack Mono	Thonkiconn - PJ301M-12	Thonk	PJ301M-12			S_JACK	Thonk	
1	TR1	25 Turn Trimpot	50K	Generic		521-9805	652-3296W-1-503LF	TRIM_3269W		
2	CV_LEVEL, OFFSET	Davis 1900h Clone	Black	Davis					Thonk	
1	BUSS	DNP	DNP	DNP	DNP		DNP	DNP	DNP	
1		Power Cable	10Pin - 16Pin	Generic	acc-cable-pwr-10-16					
2		Machine Screw	M3 6mm	Generic	acc-screw-m3-6mm					