

Module : SV VCF

Total Parts : 164

BOM Line	Type	Mfg Part Number	Manufacturer	Short Description	Value	Unit	Qty	Part Notes	Reference Designator
Line 1	CAP	C0805C104J5RACTU	Kemet	Multilayer Ceramic Capacitors MLCC - SMD/SMT 50volts 0.1uF X7R 5%	0.1	uF	4		
Line 2	CAP	K104K15X7RF5TH5	Vishay	Multilayer Ceramic Cap .1uF 5mm LS	0.1	uF	2		
Line 3	CAP	EEA-GA1E100B	Panasonic	Electrolytic Cap 10uF	10	uF	5		
Line 4	CAP	C0805C220J5GACTU	Kemet	Multilayer Ceramic Capacitors MLCC - SMD/SMT 50volts 22pF C0G 5%	22	pF	2		
Line 5	CAP	FK28C0G1H151J	TDK	Multilayer Ceramic Cap 150pF	150	pF	1		C6
Line 6	CAP	FK18C0G2E221J	TDK	Multilayer Ceramic Cap 220pF 2.5mm LS	220	pF	3		C7, C11, C12
Line 7	CAP	23PS210	Xicon	Film Capacitors STYRENE 50V .001uF 1000pF	1000	pF	2		
Line 8	CAP	MMK5272K50J01L4BU LK	Kemet	Film Capacitors 50volts 2700pF 10% LS 5mm	2700	pF	1		C13
Line 9	CAP	R82EC1330JE50J	Kemet	Film Capacitors 100volts 3300pF	3300	pF	1		C5
Line 10	HDR	929836-01-06-RK	3M	PNSTRP HDR 929 .235" ST 01TL 06/RW TN PCT 12 PIN	12	pin	2		
Line 11	HDR	929975-01-06-RK	3M	Headers & Wire Housings 2ROW BDMNT SCKT SN STRT SLDR TAIL 12 PIN	12	pin	2		
Line 12	HDR	30316-6002	3M	Headers & Wire Housings 16P STRT 4WALL GLDFL	16	pin	1		
Line 13	HDW	FE-1/2HEXSO	Fastener Express	4-40 X 1/2-#1/4-Hex-M-F-Standoff Aluminum	0.5	inch	4		
Line 14	HDW	MMSPPHZ3006-515	Fastener Express	M3X.5X6mm Pan Zinc Panel Screws	1	each	4		
Line 15	HDW	MSPPP0404-6C4	Fastener Express	4-40 X 1/4" Pan Phillips Machine Screw	1	each	4		
Line 16	HDW	FE-4-40NUT	Fastener Express	4-40 Nuts- standoffs	1	each	4		
Line 17	HDW	#4 Nylon Washer	Fastener Express	#4 Flat Washer Nylon	4	each	4		
Line 18	IC	TL072CDR	Texas Instruments	TL072 SMT Operational Amplifiers - Op Amps Dual JFET Op Amp SOIC	1	each	1		
Line 19	IC	TL072-CN	Texas Instruments	TL072 OpAmp	1	each	3		
Line 20	IC	A-857	GTK	8 PIN MACHINE TOOLED IC SOCKET	8	each	3		
Line 21	JCK	PJ301BM	QingPu	3.5mm Jack PJ301BM	3.5	mm	12		

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Line 22	KNB	1913BW	Davies	Davies 1913BW Knobs & Dials 1 1/8"D X 5/8"H	1	each	1		
Line 23	KNB	1910CS	Davies	Davies 1910CS Knobs & Dials 3/4"D X 1/2"H	1	each	1		
Line 24	KNB	CP-BUA-6-S(6.4)W7E	3M	Davies 1900 Clone Black	1	each	6		
Line 25	POT	RV16A01F-41-15R1-B10K	Alpha	Alpha 16mm Dual Gang Right-angle PC mount Pot Linear 10K	10	kOhm	1		RES
Line 26	POT	RV16AF-41-15R1-B10K	Alpha	Alpha 16mm Right-angle PC mount Pot Linear 10K A-1624	10	kOhm	1		NOTCH BAL
Line 27	POT	RV16AF-41-15R1-A25K	Alpha	Alpha 16mm Right-angle PC mount Pot Log 25K	25	kOhm	3		AUDIO IN
Line 28	POT	RV16AF-41-15R1-B100K	Alpha	Alpha 16mm Right-angle PC mount Pot Linear 100K A-1628	100	kOhm	3		
Line 29	PWR	16-16EUROCABLE	Erthenvar	EURO 16-16 PIN POWER CABLE	16	pin	1		
Line 30	RES	271-1.0M-RC	Xicon	Metal Film Resistor 1.0Mohm 1%	1	mOhm	1		R45
Line 31	RES	271-1K-RC	Xicon	Metal Film Resistor 1Kohm 1%	1	kOhm	3		R21, R22, R44
Line 32	RES	271-6.8K-RC	Xicon	Metal Film Resistor 6.8Kohm 1%	6.8	kOhm	3		R8, R14, R46
Line 33	RES	271-10K-RC	Xicon	Metal Film Resistor 10Kohm 1%	10	kOhm	7		R18, R27, R28, R29, R30, R31, R32
Line 34	RES	271-15K-RC	Xicon	Metal Film Resistor 15Kohm 1%	15	kOhm	3		R5, R7, R43
Line 35	RES	271-22K-RC	Xicon	Metal Film Resistor 22Kohm 1%	22	kOhm	4		R1, R2, R3, R35
Line 36	RES	271-39K-RC	Xicon	Metal Film Resistor 39Kohm 1%	39	kOhm	1		R16
Line 37	RES	RK73H2ATTD4702F	KOA Speer	Thick Film Resistors - SMD 1/8watts 47Kohms 1%	47	kOhm	4		
Line 38	RES	271-47K-RC	Xicon	Metal Film Resistor 47Kohm 1%	47	kOhm	1		R10
Line 39	RES	271-62K-RC	Xicon	Metal Film Resistor 62Kohm 1%	62	kOhm	1		R42
Line 40	RES	271-100K-RC	Xicon	Metal Film Resistor 100Kohm 1%	100	kOhm	5		R15, R17, R38, R39, R40
Line 41	RES	271-100-RC	Xicon	Metal Film Resistor 100ohm 1%	100	Ohm	2		R4, R12
Line 42	RES	271-110K-RC	Xicon	Metal Film Resistor 110Kohm 1%	110	kOhm	1		R47
Line 43	RES	271-180K-RC	Xicon	Metal Film Resistor 180Kohm 1%	180	kOhm	1		R19
Line 44	RES	271-200k-RC	Xicon	Metal Film Resistor 200Kohm 1%	200	kOhm	2		R36, R41

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Line 45	RES	271-200-RC	Xicon	Metal Film Resistor 200ohm 1%	200	Ohm	1		R6
Line 46	RES	271-220-RC	Xicon	Metal Film Resistor 220ohm 1%	220	Ohm	4		R23, R24, R25, R26
Line 47	RES	271-240-RC	Xicon	Metal Film Resistor 240ohm 1%	240	Ohm	1		R48
Line 48	RES	271-240K-RC	Xicon	Metal Film Resistor 240Kohm 1%	240	kOhm	1		R33
Line 49	RES	RK73H2ATTD3300F	KOA Speer	Thick Film Resistors - SMD 1/8watts 330ohms 1%	330	Ohm	2		
Line 50	RES	271-390K-RC	Xicon	Metal Film Resistor 390Kohm 1%	390	kOhm	1		R13
Line 51	RES	271-470-RC	Xicon	Metal Film Resistor 470ohm 1%	470	Ohm	3		R20, R34, R37
Line 52	RES	271-560-RC	Xicon	Metal Film Resistor 560ohm 1%	560	Ohm	2		R9, R11
Line 53	SEMI	LM78L05ACZ	Fairchild Semiconductor	LM7805 Linear Voltage Regulators 0.1A Pos Volt Reg	1	each	1		
Line 54	SEMI	BL01RN1A1F1J	Murata	Ferrite Beads	1	each	2		
Line 55	SEMI	1N4004	Fairchild Semiconductor	1N4001 Rect Diode	2	each	2		
Line 56	SEMI	LM337LZ/NOPB	Fairchild Semiconductor	LM337 Lin Adj. Regulator TO-92	3	each	1		
Line 57	TRM	3296W-1-202LF	Bourns	2K Vertical 20 Turn	2	kOhm	1		,6V
Line 58	TRM	3296W-1-203LF	Alpha	20K Vertical 20 Turn 3296W	20	kOhm	1		VOCT
Line 59	TRM	A-584	Alpha	100 OHM TRIMMER CERMET POTENTIOMETER 25 TURNS 3296W	100	Ohm	1		NULL
Line 60	TRN	2N3906TF	Fairchild Semiconductor	2N3906 PNP Transistor	1	each	6		Q2, Q3, Q6, Q7, Q12, Q13
Line 61	TRN	2N3904TF	Central Semiconductor	2N3904 NPN Transistor	3	each	13		Q1, Q4, Q5, Q8 TO Q11, Q14 TO Q19