

DS9360 Parts List

PC Board		Component Recognized; Rated 94V-0
Terminal Strip	TS1	8-Position; Component Recognized
MOV	RV1	18VDC, 0.9J
MOV	RV2, 3	31VDC, 1.5J
Relay	K1	SPDT, 5V; Electrol #R9016-1, or Hamlin #HE3321E5942
Switch	S2	SPST Lever, 30V; Omron #D2F-LN, or Cherry #DG1CB1LA, or Zippy #DM-03S-1P, or E-Switch #TLDM-01
Detector	DET1	Nippon #SHPC14-DSI-81
LED	LED1, 2	Bi-Color; Kingbright #L59SRSGC/CCTNR2, or Lumex #SSL-LX5099SRSGC
Integrated Circuit	U1	LM2931AZ; 5V Regulator
Integrated Circuit	U3	LM324; Quad Op-Amp
Integrated Circuit	U4	PIC16C711 Microprocessor
Transistor	Q1	BCW68; Silicon, PNP
Transistor	Q5, 6, 9, 10, 11	Type 2N5089; Silicon, NPN
Transistor	Q7	Type 176 J-FET; National #MMBFJ176, or Calogil #SST176, or Philips #PMBFJ176, or Siliconix #SST176-T1, or Motorola #MMBFJ177LT1
Transistor	Q99	GaAs X-Band FET; Siemen's CFY25-23, or Hewlett Packard #ATF-35576, or Fujitsu #FHX35LG or #FHX35LPT
Diode	D3, 4	Type 1N4153; Silicon, 0.1A, 50V
Diode	D99	X-Band Schottky; Siemen's #BAT 15-099
Capacitor	C4, 5, 7	Aluminum, 100mF, 10V
Capacitor	C6, 9	Aluminum, 10mF, 10V
Capacitor	C8, 10, 27, 46	Ceramic, 0.01mF, 50V
Capacitor	C11, 13	Aluminum, 33mF, 10V
Capacitor	C12, 14	Ceramic, 0.027mF, 50V
Capacitor	C16	Ceramic, 100pF, 50V
Capacitor	C17, 40, 44	Aluminum, 100mF, 6.3V
Capacitor	C18	Ceramic, 0.0047mF, 50V
Capacitor	C21	Aluminum, 47mF, 6.3V
Capacitor	C23, 37	Ceramic, 0.1mF, 50V
Capacitor	C34	Ceramic, 3300pF, 50V
Capacitor	C35	Ceramic, 0.1mF, 50V
Capacitor	C38, 41, 42, 43	Ceramic, 27pF, 50V
Capacitor	C39	Tantalum, 15mF, 6.3V
Capacitor	C45	Aluminum, 2.2mF, 50V
Capacitor	C99	Ceramic, 1pF, 100V

DS9360 Parts List

Resistor	R3, 10, 12, 13	Thick Film, 1/10W, 1M, 5%
Resistor	R4, 23, 24, 60	Thick Film, 1/10W, 100K, 5%
Resistor	R5, 7, 53, 54, 65, 66, 74	Thick Film, 1/10W, 1K, 5%
Resistor	R6	Thick Film, 1/10W, 470K, 5%
Resistor	R9	Thick Film, 1/10W, 220K, 5%
Resistor	R11	Thick Film, 1/10W, 18K, 5%
Resistor	R15	Thick Film, 1/10W, 12K, 5%
Resistor	R21	Thick Film, 1/10W, 47 ohms, 5%
Resistor	R22	Thick Film, 1/10W, 680K, 5%
Resistor	R26, 30, 31	Thick Film, 1/10W, 1.2K, 5%
Resistor	R27	Thick Film, 1/10W, 560K, 5%
Resistor	R33	Thick Film, 1/10W, 1M, 1%
Resistor	R34	Thick Film, 1/10W, 270K, 5%
Resistor	R36	Thick Film, 1/10W, 5.62K, 1%
Resistor	R37	Carbon Film, 1/2W, 4.7 ohms, 5%
Resistor	R46	Thick Film, 1/10W, 10M, 5%
Resistor	R52, 67	Thick Film, 1/10W, 47K, 5%
Resistor	R61, 70	Thick Film, 1/10W, 470 ohms, 5%
Resistor	R62, 71	Thick Film, 1/10W, 100 ohms, 5%
Resistor	R63	Thick Film, 1/10W, 820K, 5%
Resistor	R68, 69, 73	Thick Film, 1/10W, 10K, 5%
Resistor	R99	Thick Film, 1/10W, 39 ohms, 5%
Thermister	R72	10k @ 25 Deg. C, 55%
Potentiometer	R28	Carbon Comp, 1/5W, 20%
Resonator	Y99	Ceramic, microwave; Tekelec #45079464, or Trans-Tech #30553