

**16 PARTS LIST AND DESCRIPTION**

When ordering parts, state Model, Part No., and Description

**SEMICONDUCTORS (Select replacement for best results)**

ITEM No.	TYPE No.	MFGR. PART No.	REPLACEMENT DATA						ZENITH PART No.
			EGG PART No.	GENERAL ELECTRIC PART No.	MOTOROLA PART No.	NTE PART No.	RCA PART No.	WORKMAN PART No.	
CR1 thru CR5	1N4003 1N4002 1N4148F PG1992 1N52B		ECG116 ECG116 ECG519 ECG519 ECG5013A	GE-504A GE-504A GE-514 GE-514 GEZD-6.2	1N4003 1N4002 1N4935 1N4935 1N5234B	NTE116 NTE116 NTE519 NTE519 NTE5013A	SK3311 SK3311 SK3100/519 SK3100/519 SK6A2/5013A	WEP156 WEP155 WEP925/519 WEP925/519 WEP1414/5013	212-76-02 212-76-02 103-131 103-131 103-Z9008
CR9 CR10	V331X 1N4148F PG1992 1N4148F 1N4148		ECG552 ECG519 ECG519 ECG519 ECG519	GE-511 GE-514 GE-514 GE-514 GE-514	1N4935 1N4935 1N4935 1N4935 1N4935	NTE552 NTE519 NTE519 NTE519 NTE519	SK9000/552 SK3100/519 WEP925/519 WEP925/519 WEP925/519	WEP172/506 WEP925/519 WEP925/519 WEP925/519 WEP925/519	103-287 103-131 103-131 103-131 103-131
CR200,1	1N4148		ECG519	GE-514	1N4935	NTE519	SK3100/519	WEP925/519	103-131
CR402	1N4148		ECG519	GE-514	1N4935	NTE519	SK3100/519	WEP925/519	103-131
CR500	PG1992 1N4148		ECG519 ECG519	GE-514 GE-514	1N4935 1N4935	NTE519 NTE519	SK3100/519 SK3100/519	WEP925/519 WEP925/519	103-131 103-131
CR501,2	1N4148 1N914B		ECG519 ECG177	GE-514 GE-500	1N4935 1N4935	NTE519 NTE177	SK3100/519 SK9091/177	WEP925/519 WEP1062/177	103-131 103-131
Q1	578-2303		ECG159	GE-82	2N5401	NTE159	SK3466/159	WEP62/159	121-Z9003
Q2	TIS93 TIP31A TIP31 2N3906		ECG159 ECG291 ECG291 ECG159	GE-82 GE-302 GE-302 GE-82	2N5401 MJE15030 MJE15030 2N5401	NTE159 NTE159 NTE291 NTE291 NTE159	SK3466/159 SK3893/152 SK3893/152 SK3466/159	WEP62/159 WEP780/291 WEP780/291 WEP62/159	121-Z9003 121-Z9003 121-Z9047 121-Z9047 121-Z9003
Q201	2472222 2N2222 501-4249 501-4249 TIS92		ECG123AP ECG123A ECG123AP ECG123AP ECG123AP	GE-123AP GE-20 GE-123AP GE-123AP GE-123AP	MPSA05 MPSA05 MPSA05 MPSA05 MPSA05	NTE123AP NTE123A NTE123AP NTE123AP NTE123AP	SK3854/123AP SK3444/123A SK3854/123AP SK3854/123AP SK3854/123AP	WEP736/123A WEP736/123A WEP736/123A WEP736/123A WEP736/123A	121-Z9000A 121-Z9000A 121-Z9000A 121-Z9000A 121-Z9000A
Q500	501-4249 TIS92 78M12C UA7812C UA79M05C		ECG123AP ECG123AP ECG966 ECG966 ECG961	GE-123AP GE-123AP GEVR-111 GEVR-111 GE-961	MPSA05 MPSA05 MC7812CT MC7812CT MC7905CT	NTE123AP NTE123AP NTE966 NTE966 NTE961	SK3854/123AP SK3854/123AP SK3592/966 SK3592/966 SK3671/961	WEP736/123A WEP736/123A WEP966L/966 WEP966L/966 WEP966L/966	121-Z9000A 121-Z9000A HE-442-674 HE-442-674 HE-442-630

**PARTS LIST AND DESCRIPTION (Continued)**

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**TRANSFORMER (Power)**

ITEM No.	RATING			REPLACEMENT DATA		
	PRI.	SEC. 1	SEC. 2	MFGR. PART No.	THORDARSON PART No.	NOTES
T1	120V AC @ 270mA AC	26.40V AC @ 686mA DC Tapped @ 17.85V AC @ 600mA DC				

**MISCELLANEOUS**

ITEM No.	PART NAME	MFGR. PART No.	NOTES
CR6	LED		TIL220
M1	Switch		RF Modulator
S1	Switch		Part of Keyboard
Thru S48	Switch		
S1A	Crystal		Power
Y100	Crystal		10.7MHz
Y600	Crystal		48MHz

**CABINETS & CABINET PARTS (When ordering specify model, chassis & color)**

**WIRING DATA**

General-use Unshielded Hook-up Wire ..... Use BELDEN No. 8529 (Solid) Available in 13 Colors  
 8522 (Stranded) Available in 13 Colors  
 300-ohm Input Lead ..... Use BELDEN No. 8225  
 75-ohm Input Lead ..... Use BELDEN No. 8241

TEXAS INSTRUMENTS  
TI-9914/A MODEL PHC0004A