

Design	Revision	Description						
1736	(None)	ELSI-804 Calculator re-package						
ITM	QTY	REF	MPN	MFR	VPN	VEN	VAL	PKG
1	1	R1	RC1206FR-0756KL	YAG	311-56.0KFRCT-ND	DK	RES 56K OHM 1% 1/4W	1206
2	3	R2-R4	RC1206FR-07560KL	YAG	311-560KFRCT-ND	DK	RES 560K OHM 1% 1/4W	1206
3	2	R9-R10	CRGP2512F18R	TEC	A130700CT-ND	DK	RES 18 OHM 1% 2W	2512
4	1	R11	RC1206FR-079K09L	YAG	311-9.09KFRCT-ND	DK	RES 9.09K OHM 1% 1/4W	1206
5	1	R12	RC1206FR-078K45L	YAG	311-8.45KFRCT-ND	DK	RES 8.45K OHM 1% 1/4W	1206
6	2	R13-R14	RC1206FR-0722K1L	YAG	311-22.1KFRCT-ND	DK	RES 22.1K OHM 1% 1/4W	1206
7	1	R15	RC1206FR-0710KL	YAG	311-10.0KFRCT-ND	DK	RES 10K OHM 1% 1/4W	1206
8	2	C1-C2	CC1206JRNPO0BN271	YAG	311-4395-1-ND	DK	CAP CER 270PF 100V C0G/NPO	1206
9	1	C3	C1206C102K3REC7210	KEM	399-C1206C102K3REC7210CT-ND	DK	CAP CER 1NF 25V X7R 10%	1206
10	1	C4	CC1206JRNPO0BN391	YAG	311-4400-1-ND	DK	CAP CER 390PF 100V C0G/NPO	1206
11	1	C5	KGM31BCG2A681KT	KYO	478-KGM31BCG2A681KTCT-ND	DK	CAP CER 680PF 100V C0G/NP0	1206
12	1	C6	KGM31BCG2A821JT	KYO	478-KGM31BCG2A821JTCT-ND	DK	CAP CER 820PF 100V C0G/NP0	1206
13	1	C7	CL31B105KAHNNNE	SAM	1276-1097-1-ND	DK	CAP CER 1UF 25V X7R	1206
14	1	C8	EEU-FC1J331	PAN	P10349-ND	DK	330/63 12.5mm	RAD
15	3	C9-C10,C12	EEU-FC1J101	PAN	P10343-ND	DK	100/63 10mm	RAD
16	0	C11	N/A	N/A	N/A	N/A	DNI	N/A
17	1	D1	B80R	DTS	4878-B80R-ND	DK	BRIDGE RECT 1PHASE 160V 2A	WOG
18	18	S1-S18	B3W-1052	OMR	39-B3W-105	DK	SW TACT SPST-NO 0.05A 24V	T/H
19	1	F1	1206L025/24YR	LFI	18-1206L025/24YRCT-ND	DK	PTC RESET FUSE 24V 250MA	1206
20	1	P1	B6B-PH-K-S	JST	455-1708-ND	DK	CONN HDR VERT 6POS 2MM	T/H
21	1	(Q1)	N/A	N/A	N/A	N/A	4-40 x 3/8" PPHMS and nut	Mech
22	4	(PWB)	2100-440-AL	RAF	1772-1132-ND	DK	HEX SO #4-40 ALUMINUM 1/4"	MECH
23	4	(PWB)	91241A412	MMC	91241A412	MMC	SS PPHMS ALW 4-40 x 1/4"	MECH
24	1	PWB	1736	TES	1736	TES	ELSI-804 clock board	PWB
25	1	(Transformer)	N/A	TES	N/A	TES	6 pin x 6" cable	WIRE
26	The following parts to be pulled from original calculator							
27	2	R5-R6					30K 10 pin SIP resistor network	T/H
28	2	R7-R8					50K 10 pin SIP resistor network	T/H
29	1	D2	1N5247-17V				17V Zener	T/H
30	1	D3	1N4002				Rectifier	T/H
31	1	D4	1N5239-9.1V				9.1V Zener	T/H
32	2	U1-U2	TM4356	Toshiba			9 channel open collector driver	DIP-20
33	1	U3	HD3276	Hitachi			Calculator IC	DIP-28
34	1	U4	HD3253	Hitachi			1-of-8 decoder	DIP-16
35	1	U5	TD2007	Toshiba			2 phase clock oscillator	DIP-14
36	1	Q1	2SA473	Toshiba			PNP power transistor	TO-220
37	9	DS1-DS9	LD8051	NEC			Single digit 7-Seg VFD display	

Notes

- 1 Capacitor voltages are minimum
- 2 Capacitor dielectric JB may be substituted with X5R or X7R
- 3 Capacitor dielectric X5R may be substituted with X7R
- 4 Capacitor dielectric NPO and COG are equivalent