



SHARP

SERVICE MANUAL

MODEL ER-2720

ELECTRONIC CASH REGISTER

SHARP CORPORATION

CONTENTS

1. SPECIFICATIONS	1
1-1 GENERAL	1
1-2 KEY	2
1-3 DISPLAY	2
1-4 PRINT	3
1-5 MEMORIES	4
1-6 MECHANISM	5
1-7 DRAWER	5
2. OPERATION	6
2-1 PRINT FORMAT	6
2-2 PRINT OUT EXAMPLES	7
2-3 RESET TABLE	7
2-4 PROGRAMMING	8
2-5 REGISTRATIONS	8
2-6 ERRORS	15
2-7 POWER FAILURE AND CONSEQUENCE	15
3. BLOCK DIAGRAM	16
4. LOGIC	17
4-1 INPUT/OUTPUT OF LSI	17
4-2 INPUT CIRCUIT OF KEY	18
4-3 DISPLAY CIRCUIT	18
4-4 EACH TERMINAL FUNCTION OF μ PD549C	18
4-5 PREVENTION OF 1ST DIGIT TURN ON CIRCUIT	19
4-6 DECIMAL POINT TURN ON CIRCUIT	20
4-7 □ DISPLAY CIRCUIT	20
4-8 ACTION OF BA 222	21
5. CHECK METHOD WITH SVC. KEY	22
6. SOLDERING IRON TIP FOR LSI	26
7. OPERATION MAP	31
8. POWER SUPPLY CIRCUIT DIAGRAM	33
9. MAIN PWB CIRCUIT DIAGRAM	34
10. MAIN PWB LAYOUT	35
11. KEY PWB CIRCUIT DIAGRAM	36
12. KEY PWB LAYOUT	37
13. NOISE FILTER PWB	38
PARTS LIST & GUIDE	

As for the service document of the printer employed for this machine, refer to the CR-330, TU-31 SERVICE MANUAL.

This is a “Table of Contents preview” for quality assurance

The full manual can be purchased from our store:

[https://the-checkout-tech.com/manuals/sharp/ER-2720 service manual.html](https://the-checkout-tech.com/manuals/sharp/ER-2720%20service%20manual.html)

And our free Online Keysheet maker:

<https://the-checkout-tech.com/Cash-Register-Keysheet-Creator/>

[HTTPS://THE-CHECKOUT-TECH.COM](https://THE-CHECKOUT-TECH.COM)