

# SHARP

# SERVICE MANUAL



## ER-2722A ER-2742A MODEL ER-2782A

### ELECTRONIC CASH REGISTER

#### ER-2782A

#### PRINTER

- CR-340A (ER-2722A/2742A)
- CR-341A (ER-2782A)

#### MODE KEY NO.

- SRV Key      9B5
- MA Key        6B2
- SM Key        0B9
- OP Key        0B6

### CONTENTS

	Page		Page
1. INTERNAL BLOCK DIAGRAM .....	1	5-1. Programming .....	20
2. REFERENCE DOCUMENTS .....	2	5-2. Reading of Programming .....	21
3. SPECIFICATIONS .....	2	6. DATE MODE .....	22
3-1. Destinations .....	2	7. X,Z MODE .....	22
3-2. Model Comparison .....	3	7-1. Reading (X mode) .....	22
3-3. Rating .....	4	7-2. Resetting (Z mode) .....	22
3-4. Outline of Functions .....	4	8. OPTIONS .....	23
3-5. Key layout .....	4	9. PRECAUTIONS ON SERVICING .....	24
3-6. Display .....	7	10. CIRCUIT BLOCK DIAGRAM .....	25
3-7. Printer .....	8	11. TERMINAL SIGNALS OF $\mu$ PD7802G-011 .....	26
3-8. Print Format .....	10	12. CIRCUIT DESCRIPTIONS .....	27
3-9. Drawer/Lock .....	10	12-1. Basic Clock Pulse .....	27
3-10. Error Processing .....	10	12-2. P OFF Circuit .....	28
3-11. Power Failure Processing .....	10	12-3. RESET Circuit .....	29
3-12. Validation Printing .....	10	12-4. ROM, RAM Control .....	30
3-13. Memories (RAM) .....	10	12-5. Key & Switch Scanning .....	30
4. SRV MODE .....	10	12-6. Display Control .....	32
4-1. Program Reset .....	10	12-7. Printer Control .....	33
4-2. Master Reset .....	10	12-8. Drawer Control .....	36
4-3. Programming .....	11	12-9. Power Supply Circuit .....	37
4-4. Reading of Programming .....	18	12-10. VRES Circuit .....	38
4-5. Display, Printer Test .....	19	12-11. Clock Control .....	38
4-6. Printer Test .....	19	13. CIRCUIT DIAGRAM & PWB LAYOUT	
5. PGM MODE .....	20	14. PARTS GUIDE	

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-2722A and ER-2742A and ER-2782A s](https://the-checkout-tech.com/manuals/sharp/ER-2722A%20and%20ER-2742A%20and%20ER-2782A%20s)

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)