

| 1. 塑封整流二极管 | | | | | | |
|------------|-----------------|----------|-----------|-------|----------|----------|
| 序号 | 型号 | I_F | V_{RRM} | V_F | T_{rr} | 外形 |
| | | A | V | V | μs | |
| 1 | 1A1-1A7 | 1A | 50-1000V | 1.1 | | R-1 |
| 2 | 1N4001-1N4007 | 1A | 50-1000V | 1.1 | | DO-41 |
| 3 | 1N5391-1N5399 | 1.5A | 50-1000V | 1.1 | | DO-15 |
| 4 | 2A01-2A07 | 2A | 50-1000V | 1.0 | | DO-15 |
| 5 | 1N5400-1N5408 | 3A | 50-1000V | 0.95 | | DO-201AD |
| 6 | 6A05-6A10 | 6A | 50-1000V | 0.95 | | R-6 |
| 7 | TS750-TS758 | 6A | 50-800V | 1.25 | | R-6 |
| | | | | | | |
| 8 | RL10-RL60 | 1A-6A | 50-1000V | 1.0 | | |
| 9 | 2CZ81-2CZ87 | 0.05A-3A | 50-1000V | 1.0 | | DO-41 |
| 10 | 2CP21-2CP29 | 0.3A | 100-1000V | 1.0 | | DO-41 |
| 11 | 2DZ14-2DZ15 | 0.5A-1A | 200-1000V | 1.0 | | DO-41 |
| 12 | 2DP3-2DP5 | 0.3A-1A | 200-1000V | 1.0 | | DO-41 |
| | | | | | | |
| 13 | BYW27 | 1A | 200-1300V | 1.0 | | DO-41 |
| 14 | DR202-DR210 | 2A | 200-1000V | 1.0 | | DO-15 |
| 15 | BY251-BY254 | 3A | 200-800V | 1.1 | | DO-201AD |
| 16 | BY550-200~1000 | 5A | 200-1000V | 1.1 | | R-5 |
| 17 | PX10A02-PX10A13 | 10A | 200-1300V | 1.1 | | PX |
| 18 | PX12A02-PX12A13 | 12A | 200-1300V | 1.1 | | PX |
| 19 | PX15A02-PX15A13 | 15A | 200-1300V | 1.1 | | PX |
| | | | | | | |
| 20 | ERA15-02~13 | 1A | 200-1300V | 1.0 | | R-1 |
| 21 | ERB12-02~13 | 1A | 200-1300V | 1.0 | | DO-15 |
| 22 | ERC05-02~13 | 1.2A | 200-1300V | 1.0 | | DO-15 |
| 23 | ERC04-02~13 | 1.5A | 200-1300V | 1.0 | | DO-15 |
| 24 | ERD03-02~13 | 3A | 200-1300V | 1.0 | | DO-201AD |
| | | | | | | |
| 25 | EM1-EM2 | 1A-1.2A | 200-1000V | 0.97 | | DO-15 |
| 26 | RM1Z-RM1C | 1A | 200-1000V | 0.95 | | DO-15 |

| | | | | | | |
|----|-------------|------|-----------|------|--|----------|
| 27 | RM2Z-RM2C | 1.2A | 200-1000V | 0.95 | | DO-15 |
| 28 | RM11Z-RM11C | 1.5A | 200-1000V | 0.95 | | DO-15 |
| 29 | RM3Z-RM3C | 2.5A | 200-1000V | 0.97 | | DO-201AD |
| 30 | RM4Z-RM4C | 3A | 200-1000V | 0.97 | | DO-201AD |

| 2. 快恢复塑封整流二极管 | | | | | | |
|-----------------------|---------------|----------|------------|-------|-----------|----------|
| 序号 | 型号 | I_F | V_{RRM} | V_F | T_{rr} | 外形 |
| | | A | V | V | μs | |
| (1) 快恢复塑封整流二极管 | | | | | | |
| 1 | 1F1-1F7 | 1A | 50-1000V | 1.3 | 0.15-0.5 | R-1 |
| 2 | FR10-FR60 | 1A-6A | 50-1000V | 1.3 | 0.15-0.5 | |
| 3 | 1N4933-1N4937 | 1A | 50-600V | 1.2 | 0.2 | DO-41 |
| 4 | 1N4942-1N4948 | 1A | 200-1000V | 1.3 | 0.15-0.5 | DO-41 |
| 5 | BA157-BA159 | 1A | 400-1000V | 1.3 | 0.15-0.25 | DO-41 |
| 6 | MR850-MR858 | 3A | 100-800V | 1.3 | 0.2 | DO-201AD |
| 7 | EU1-EU2 | 0.25A-1A | 100-1000V | 1.3 | 0.4 | DO-41 |
| 8 | 20DF1-20DF10 | 2A | 100-1000V | 1.3 | 0.2 | DO-15 |
| 9 | 30DF1-30DF10 | 3A | 100-1000V | 1.3 | 0.2 | DO-201AD |
| 10 | RU1-RU4 | 0.25A-3A | 100-1000V | 1.3 | 0.4 | |
| 11 | ERA22-02~10 | 0.5A | 200-1000V | 1.3 | 0.4 | R-1 |
| 12 | ERA18-02~10 | 0.8A | 200-1000V | 1.3 | 0.4 | R-1 |
| 13 | ERB43-02~10 | 0.5A | 200-1000V | 1.3 | 0.4 | DO-41 |
| 14 | ERB44-02~10 | 1A | 200-1000V | 1.3 | 0.4 | DO-15 |
| 15 | ERC18-02~10 | 1.2A | 200-1000V | 1.3 | 0.4 | DO-15 |
| 16 | ERD28-02~10 | 1.5A | 200-1000V | 1.3 | 0.4 | DO-201AD |
| 17 | ERD29-02~10 | 2.5A | 200-1000V | 1.3 | 0.4 | DO-201AD |
| 18 | ERD32-02~10 | 3A | 200-1000V | 1.3 | 0.4 | DO-201AD |
| 19 | ERD09-13~15 | 3A | 1300-1500V | 1.5 | 0.6 | R-5 |
| (2) SK、2CG 系列快恢复整流二极管 | | | | | | |
| 1 | SK1-02~30 | 1.5A | 200-3000V | 1.3-4 | 0.5-1 | DO-15 |
| 2 | SK2-02~30 | 1A | 200-3000V | 1.3-4 | 0.5-1 | DO-41 |
| 3 | SK3-02~30 | 2A | 200-3000V | 1.3-4 | 0.5-1 | DO-15 |
| 4 | SK4-02~30 | 0.5A | 300-3000V | 1.3-4 | 0.5-1 | DO-41 |
| 5 | 2CG04-2CG30 | 0.2A | 300-3000V | 1.3-4 | 0.5-1 | DO-41 |

| (3) 快恢复塑封阻尼二极管 | | | | | | |
|----------------|---------------|------|-----------|-----|-----|----------|
| 1 | 2CN1-2CN1C | 1A | 200-1200V | 1.3 | 2 | DO-41 |
| 2 | 2CN2D-2CN2M | 0.5A | 200-1000V | 1.3 | 2 | DO-41 |
| 3 | 2CN3D-2CN3M | 1A | 200-1000V | 1.3 | 6 | DO-41 |
| 4 | 2CN4D-2CN4M | 1.5A | 200-1000V | 1.3 | 0.8 | DO-15 |
| 5 | 2CN5D-2CN5M | 1.5A | 200-1000V | 1.0 | 1 | DO-15 |
| 6 | 2CN6D-2CN6M | 1A | 200-1000V | 1.3 | 6 | DO-41 |
| 7 | 2CN12D-2CN12M | 3A | 200-1000V | 1.3 | 1 | DO-201AD |
| 8 | RH1Z-RH1C | 0.6A | 200-1000V | 1.3 | 4 | DO-41 |
| 9 | TVR4J-TV4N | 1.2A | 600-1000V | 1.2 | 20 | DO-15 |

| 3. 超高频塑封二极管 | | | | | | |
|-------------|-------------|------|-----------|-----|------|----------|
| 1 | ERA34-10 | 0.1A | 1000V | 3 | 0.15 | R-1 |
| 2 | ERA32-02~10 | 1A | 200-1000V | 1.3 | 0.1 | DO-41 |
| 3 | ERB32-02~10 | 1.2A | 200-1000V | 1.3 | 0.1 | DO-15 |
| 4 | ERC30-02~10 | 1.5A | 200-1000V | 1.3 | 0.1 | DO-15 |
| 5 | ERC32-02~10 | 3A | 200-1000V | 1.3 | 0.1 | DO-201AD |
| 6 | EG01E-EG01C | 0.5A | 200-1000V | 2 | 0.1 | DO-41 |
| 7 | EG1E-EG1C | 1A | 200-1000V | 1.8 | 0.1 | DO-41 |
| 8 | RG10Z-RG10C | 1.2A | 200-1000V | 2 | 0.1 | DO-15 |
| 9 | RG2Z-RG2C | 1.5A | 200-1000V | 1.8 | 0.1 | DO-15 |
| 10 | RG4Z-RG4C | 3A | 200-1000V | 2 | 0.1 | DO-201AD |

| 4. 超快恢复塑封二极管 | | | | | | |
|---------------|-------------------|-------|-----------|----------|----------|----------|
| 序号 | 型号 | I_F | V_{RRM} | V_F | T_{rr} | 外形 |
| | | A | V | V | ns | |
| (1) 超快恢复塑封二极管 | | | | | | |
| 1 | SF10-SF50 | 1-5A | 50-1000V | 0.95-1.7 | 35 | |
| 2 | SF80-SF160 | 8-16A | 50-600V | 0.95-1.4 | 35 | TO-220 |
| 3 | EGP10-EGP50 | 1-5A | 50-200V | 1.1 | 35 | |
| 4 | ERC38~04-ERC38~10 | 1A | 400-1000V | 1.7 | 50 | DO-41 |
| 5 | RL2-RL2C | 2A | 400-1000V | 1.7 | 50 | DO-15 |
| 6 | RL3-RL3C | 3A | 400-1000V | 1.7 | 50 | DO-201AD |
| 7 | 1H1-1H8 | 1A | 50-1000V | 1.1-1.7 | 50-75 | R-1 |

| | | | | | | |
|-------------------------------|--------------------|------|-----------|----------|--------|----------|
| 8 | HER10-HER60 | 1-6A | 50-1000V | 1.1-1.7 | 50-75 | |
| 9 | HER80-HER160 | 8-6A | 50-1000V | 1.1-1.7 | 50-75 | TO-220 |
| 10 | UF10-UF60 | 1-6A | 50-1000V | 1.1-1.7 | 50-75 | |
| 11 | EL1Z-EL1 | 1.5A | 200-350V | 1.3 | 50 | DO-15 |
| (2) MUR 超快恢复整流二极管 | | | | | | |
| 1 | MUR120-MUR1120 | 1A | 200-1200V | 0.95-1.5 | 35-50 | DO-41 |
| 2 | MUR420-MUR4120 | 4A | 200-1200V | 0.95-1.6 | 35-75 | DO-201AD |
| 3 | MUR820-MUR8120 | 8A | 200-1200V | 1.3-2.1 | 35-75 | TO-220AC |
| 4 | MUR1020-MUR10120 | 10A | 200-1200V | 1.3-2.1 | 35-75 | TO-220AC |
| 5 | MUR1520-MUR15120 | 15A | 200-1200V | 1.3-2.1 | 35-75 | TO-220AC |
| 6 | MUR2020-MUR20120 | 20A | 200-1200V | 1.3-2.1 | 35-75 | TO-220AB |
| 7 | MUR3020-MUR30120 | 30A | 200-1200V | 1.3-2.1 | 35-75 | TO-247AD |
| 8 | MUR6020-MUR60120 | 60A | 200-1200V | 1.3-2.1 | 35-75 | TO-247AD |
| (3) RHRP、RHRG 超快恢复二极管 | | | | | | |
| 1 | RHRP820-RHRP8120 | 8A | 200-1200V | 2.1-3.2 | 35-70 | TO-220AC |
| 2 | RHRP1520-RHRP15120 | 15A | 200-1200V | 2.1-3.2 | 40-75 | TO-220AC |
| 3 | RHRP3020-RHRP30120 | 30A | 200-1200V | 2.1-3.2 | 45-75 | TO-220AC |
| 4 | RHRG3020-RHRG30120 | 30A | 200-1200V | 2.1-3.2 | 45-75 | TO-247AC |
| 5 | RHRG5020-RHRG50120 | 50A | 200-1200V | 2.1-3.2 | 50-100 | TO-247AC |
| 6 | RHRG6020-RHRG60120 | 60A | 200-1200V | 2.1-3.2 | 45-75 | TO-247AD |
| (4) BYV29~79、BYT28~79 超快恢复二极管 | | | | | | |
| 1 | BYV29-100~200 | 8A | 100-200V | 1.1 | 25 | TO-220AC |
| 2 | BYV29-300~500 | 9A | 300-500V | 1.25 | 60 | TO-220AC |
| 3 | BYQ28-100~200 | 10A | 100-200V | 1.1 | 20 | TO-220AB |
| 4 | BYT28-300~500 | 10A | 300-500V | 1.4 | 60 | TO-220AB |
| 5 | BYV79-100~200 | 14A | 100-200V | 1.3 | 30 | TO-220AC |
| 6 | BYT79-300~500 | 14A | 300-500V | 1.4 | 60 | TO-220AC |
| 7 | BYV32-100~200 | 20A | 100-200V | 1.1 | 25 | TO-220AB |
| 8 | BYV34-300~500 | 20A | 300-500V | 1.1 | 60 | TO-220AB |
| 9 | BYV42-100~200 | 30A | 100-200V | 1.1 | 28 | TO-220AB |
| 10 | BYV44-300~500 | 30A | 300-500V | 1.25 | 60 | TO-220AB |

| 5. 肖特基整流二极管 | | | | | | |
|----------------|----|-------|-----------|-------|----|--|
| 序号 | 型号 | I_F | V_{RRM} | V_F | 外形 | |
| | | A | V | V | | |
| (1) 肖特基塑封整流二极管 | | | | | | |

| | | | | | |
|----------------------------|-------------------|------|---------|-----------|----------|
| 1 | 1N5817-1N5819 | 1A | 20-40V | 0.45-0.6 | D0-41 |
| 2 | 1N5820-1N5822 | 3A | 20-40V | 0.45-0.6 | D0-201AD |
| 3 | SRT12-SRT100 | 1A | 20-100V | 0.55-0.85 | R-1 |
| 4 | SR10-SR50 | 1-5A | 20-100V | 0.55-0.85 | |
| 5 | SB120-SB1B0 | 1A | 20-100V | 0.55-0.85 | D0-41 |
| 6 | SB220-SB2B0 | 2A | 20-100V | 0.55-0.85 | D0-15 |
| 7 | SB320-SB3B0 | 3A | 20-100V | 0.55-0.85 | D0-201AD |
| 8 | SB520-SB5B0 | 5A | 20-100V | 0.55-0.85 | D0-201AD |
| | | | | | |
| 9 | ERA81-002~009 | 1A | 20-90V | 0.55-0.9 | D0-41 |
| 10 | ERB81-002~009 | 2A | 20-90V | 0.55-0.9 | D0-15 |
| 11 | ERC81-002~009 | 3A | 20-90V | 0.55-0.9 | D0201AD |
| 12 | EK03-EK09 | 1A | 20-90V | 0.55-0.81 | D0-41 |
| 13 | EK13-EK19 | 1.5A | 20-90V | 0.55-0.81 | D0-15 |
| 14 | EK33-EK39 | 2A | 20-90V | 0.55-0.81 | D0-15 |
| 15 | EK43-EK49 | 3A | 20-90V | 0.55-0.81 | D0-201AD |
| (2) MBR、PBYR 系列大电流肖特基整流二极管 | | | | | |
| 1 | MBR1020-MBR1060 | 10A | 20-60V | 0.57-0.8 | T0-220AC |
| 2 | MBR1620-MBR1660 | 16A | 20-60V | 0.57-0.8 | T0-220AC |
| 3 | MBR2020CT-2060CT | 20A | 20-60V | 0.57-0.8 | T0-220AB |
| 4 | MBR2520CT-2560CT | 25A | 20-60V | 0.57-0.8 | T0-220AB |
| 5 | MBR3020PT-3060PT | 30A | 20-60V | 0.57-0.8 | T0-247AD |
| 6 | MBR4020PT-4060PT | 40A | 20-60V | 0.57-0.8 | T0-247AD |
| 7 | MBR6020PT-6060PT | 60A | 20-60V | 0.57-0.8 | T0-247AD |
| | | | | | |
| 8 | PBYR735-745 | 7A | 20-45V | 0.56-0.66 | T0-220AC |
| 9 | PBYR1020-1060 | 10A | 20-60V | 0.56-0.77 | T0-220AC |
| 10 | PBYR1635-1660 | 16A | 20-60V | 0.56-0.77 | T0-220AC |
| 11 | PBYR2020CT-2045CT | 20A | 20-45V | 0.56-0.65 | T0-220AB |
| 12 | PBYR3035PT-3060PT | 30A | 20-60V | 0.56-0.77 | T0-247AD |

| 6. 玻璃快恢复二极管、玻璃芯片塑封二极管 | | | | | | |
|------------------------------|---------------|-------|-----------|-------|----------|----------|
| 序号 | 型号 | I_F | V_{RRM} | V_F | T_{rr} | 外形 |
| | | A | V | V | ns | |
| (1) BYV、BYT、BYM、BYW 玻璃快恢复二极管 | | | | | | |
| 1 | BYV26A-BYV26E | 1A | 200-1000V | 1.5 | 0.03 | D0-204AP |

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|-------------------------|-------------------|-------|------------|-----|----------|----------|
| 2 | BYV12-BYV16 | 1.5A | 100-1000V | 1.5 | 0.3 | DO-204AP |
| 3 | BYV96A-BYV96E | 1.5A | 100-1000V | 1.5 | 0.3 | DO-204AP |
| 4 | BYV27-50~200 | 2A | 50-200V | 1.1 | 0.025 | DO-204AP |
| 5 | BYV28-50~200 | 3.5A | 50-200V | 1.1 | 0.03 | G3 |
| | | | | | | |
| 6 | BYT52A-BYT52M | 1A | 50-1000V | 1.3 | 0.2 | DO-204AP |
| 7 | BYT54A-BYT54M | 1.25A | 50-1000V | 1.5 | 0.1 | DO-204AP |
| 8 | BYT53A-BYT53M | 1.5A | 50-1000V | 1.1 | 0.05 | DO-204AP |
| 9 | BYT56A-BYT56M | 3A | 200-1000V | 1.4 | 0.1 | G3 |
| 10 | BYM26A-BYM26M | 2.3A | 200-1000V | 1.5 | 0.03 | G3 |
| 11 | BYM36A-BYM36M | 3A | 200-1000V | 1.1 | 0.15 | G3 |
| | | | | | | |
| 12 | BYW32-BYW38 | 2A | 200-1000V | 1.1 | 0.2 | DO-204AP |
| 13 | BYW52-BYW56 | 2A | 200-1000V | 1.1 | 4 | DO-204AP |
| 14 | BYW72-BYW76 | 3A | 200-600V | 1.1 | 0.2 | G3 |
| 15 | BYW96A-BYW96E | 3A | 200-1000V | 1.5 | 0.2 | G3 |
| 16 | BY228 | 3A | 1500V | 1.5 | 20 | G3 |
| (2) GP、RGP 系列玻璃钝芯片塑封二极管 | | | | | | |
| 17 | GP10-GP30 | 1-3A | 50-1000V | 1.1 | | |
| 18 | RGP01-10~RGP01-20 | 0.1A | 1000-2000V | 2 | 0.2-0.5 | DO-41 |
| 19 | RGP05-10~RGP05-20 | 0.5A | 1000-2000V | 2 | 0.2-0.5 | DO-41 |
| 20 | RGP10-RGP60 | 1-6A | 50-2000V | 1.3 | 0.15-0.5 | |

| 7. PD、TR、PR 系列高压塑封二极管 | | | | | | |
|-----------------------|---------------|------|------------|---------|---------|----------|
| 1 | PD0112-PD0160 | 0.1A | 1200-6000V | 1.2-5 | | DO-41 |
| 2 | PD0312-PD0360 | 0.3A | 1200-6000V | 1.2-5 | | DO-15 |
| 3 | PD0512-PD0560 | 0.5A | 1200-6000V | 1.2-5 | | DO-15 |
| 4 | PD112-PD130 | 1A | 1200-3000V | 1.2-4 | | DO-15 |
| 5 | PD1512-PD1530 | 1.5A | 1200-3000V | 1.2-4 | | DO-15 |
| 6 | PD212-PD220 | 2A | 1200-2000V | 1.2-2.5 | | DO-201AD |
| 7 | PD312-PD320 | 3A | 1200-2000V | 1.2-2.5 | | DO-201AD |
| 8 | PD612-PD620 | 6A | 1200-2000V | 1.2-2.5 | | R-6 |
| | | | | | | |
| 9 | TR0112-TR0160 | 0.1A | 1200-6000V | 1.5-8 | 0.5-0.8 | DO-41 |
| 10 | TR0312-TR0360 | 0.3A | 1200-6000V | 1.5-8 | 0.5-0.8 | DO-15 |
| 11 | TR0512-TR0560 | 0.5A | 1200-6000V | 1.5-8 | 0.5-0.8 | DO-15 |

| | | | | | | |
|----|---------------|---------|------------|---------|---------|----------|
| 12 | TR112-TR130 | 1A | 1200-3000V | 1.5-6 | 0.5-0.8 | D0-15 |
| 13 | TR1512-TR1530 | 1.5A | 1200-3000V | 1.5-6 | 0.5-0.8 | D0-15 |
| 14 | TR212-TR220 | 2A | 1200-2000V | 1.5-2.7 | 0.5-0.8 | D0-201AD |
| 15 | TR312-TR320 | 3A | 1200-2000V | 1.5-2.7 | 0.5-0.7 | D0-201AD |
| 16 | TR612-TR620 | 6A | 1200-2000V | 1.5-2.7 | 0.5-0.8 | R-6 |
| 17 | PR01-PR1 | 0.1-1A | 1200-3000V | 1.5-4 | 0.1-0.5 | D0-15 |
| 18 | RC2 | 0.3A | 2000V | 3 | 0.5 | D0-41 |
| 19 | RU4D-RP3F | 1.5A-2A | 1300-1500V | 1.5 | 0.3 | D0-201AD |

| 8. 稳压二极管 | | | | |
|----------|---------------|-----------------|----------|-----------|
| 序号 | 名称 | 型号 | P_{ZM} | V_Z |
| | | | W | V |
| 1 | 稳压二极管 | BZX55 | 0.5W | 2.4V-47V |
| 2 | | 1N5985B~1N6031B | 0.5W | 2.4V-200V |
| 3 | | 1N4728~1N4764 | 1W | 3.3V-100V |
| 4 | | 1N5911B~1N5956B | 1.5W | 2.7V-200V |
| 5 | | 2CW37-2.4~36 | 0.5W | 2.4V-36V |
| 6 | | 2CW51-2CW68 | 0.25W | 3V-28.5V |
| 7 | | 2CW101-2CW121 | 1W | 3V-37.5V |
| 8 | | 2DW50-2DW64 | 1W | 41V-190V |
| 9 | | 2DW80-2DW190 | 3W | 41V-190V |
| 10 | | 2DW110-2DW151 | 10W | 4.3V-470V |
| 11 | | 2DW170-2DW202 | 50W | 4.3V-200V |
| 12 | 温度补偿 稳压二极管 | 2DW230-2DW236 | 0.2W | 5.8V-6.6V |

| 9. 高速开关二极管 | | | | | |
|------------|---------------|-------|----------|----------|-------|
| 序号 | 型号 | I_C | V_{RM} | T_{rr} | 外形 |
| | | mA | V | ns | |
| 1 | 1N4148 | 150 | 100V | 4 | D0-35 |
| 2 | 1N4149-1N4154 | 150 | 35-100V | 2-4 | D0-35 |
| 3 | 1N4446-1N4454 | 150 | 40-100V | 1-4 | D0-35 |
| 4 | 1N914 | 75 | 100V | 4 | D0-35 |
| 5 | BAV17-BAV21 | 250 | 25-250V | 50 | D0-35 |

| | | | | | |
|----|---------------|---------|--------|------|-------|
| 6 | BAW75-BAW76 | 300 | 35-75V | 4 | D0-35 |
| 7 | 2CK70-2CK79 | 10-280 | 20-60V | 3-10 | D0-35 |
| 8 | 2CK80-2CK85 | 10-300 | 20-60V | 5-10 | D0-35 |
| 9 | 1S1553-1S1555 | 100 | 70-35V | 3 | D0-35 |
| 10 | 1S2471-1S2473 | 130-110 | 90-40V | 3 | D0-35 |

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