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Electrically Isolated Semiconductor Devices - Component

COMPANY

TAIWAN SEMICONDUCTOR CO LTD

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SHINDIAN, 231 Taiwan

E326243

Marking: Company name or tradename "UPC" , or trademark  , and model designation.

Note: For additional marking information, refer to the [Guide Information Page](#).

Model(s): P6KE6V8A, P6KE6V8CA, P6KE7V5A, P6KE7V5CA, P6KE8V2A, P6KE8V2CA, P6KE9V1A, P6KE9V1CA

Model(s): 1V5KE Series followed by 2 to 3 digits, may be followed by a letter "A" or C or CA.

Bridge Rectifier, Model(s): GBU15L05, GBU15L06, GBU25L05

Bridge rectifier semiconductors, Model(s): TS10K100, TS10K40, TS10K60, TS10K80, TS10P01G, TS10P02G, TS10P03G, TS10P04G, TS10P05G, TS10P06G, TS10P07G, TS15P01G, TS15P01GS, TS15P02G, TS15P02GS, TS15P03G, TS15P03GS, TS15P04G, TS15P04GS, TS15P05G, TS15P05GS, TS15P06G, TS15P06GS, TS15P07G, TS15P07GS, TS15PL05G, TS15PL06G, TS20P01G, TS20P02G, TS20P03G, TS20P04G, TS20P05G, TS20P06G, TS20P07G, TS25P01G, TS25P01GS, TS25P02G, TS25P02GS, TS25P03G, TS25P03GS, TS25P04G, TS25P04GS, TS25P05G, TS25P05GS, TS25P06G, TS25P06GS, TS25P07G, TS25P07GS, TS25PL05G, TS25PL06G, TS35P05G, TS35P06G, TS35P07G, TS40P05G, TS40P06G, TS40P07G, TS45PL05G, TS4K100, TS4K40, TS4K60, TS4K80, TS50P05G, TS50P06G, TS50P07G, TS6K100, TS6K40, TS6K60, TS6K80, TS6P01G, TS6P02G, TS6P03G, TS6P04G, TS6P05G, TS6P06G, TS6P07G, TS8P01G, TS8P02G, TS8P03G, TS8P04G, TS8P05G, TS8P06G, TS8P07G, W005M, W01M, W02M, W04M, W06M, W08M, W10M

Bridge rectifier semiconductors, Model(s): TSXB Series where X represents the number 4, 6, 8 or 10, may be preceded by an F, followed by 01-07, may be followed by G

Bridge Rectifier Semiconductors, Model(s): 3PGBPC Series followed by 25, 35, 45, followed by 06, 08, 10, 12, 14, 16, may be followed by additional letters and/or numbers.

Bridge Rectifier Semiconductors, Model(s): GBPC40 followed by 005, 01, 02, 04 or 06, followed by W.

Bridge rectifier semiconductors, "D2SBAXX Series", Model(s): D2SBA05, D2SBA10, D2SBA20, D2SBA40, D2SBA60, D2SBA80

Bridge rectifier semiconductors, "D2SBXX Series", Model(s): D2SB05, D2SB10, D2SB20, D2SB40, D2SB60, D2SB80

Bridge rectifier semiconductors, "GBL Series", Model(s): GBL005, GBL01, GBL02, GBL04, GBL06, GBL08, GBL10, GBL201, GBL202, GBL203, GBL204, GBL205, GBL206, GBL207

Bridge rectifier semiconductors, "GBLA Series", Model(s): GBLA005, GBLA01, GBLA02, GBLA04, GBLA06, GBLA08, GBLA10

Bridge rectifier semiconductors, "GBPC Series", Model(s): FGBPC15xxx*, FGBPC15xxxM*, FGBPC15xxxW*, FGBPC25xxx*, FGBPC25xxxM*, FGBPC25xxxW*, FGBPC35xxx*, FGBPC35xxxM*, FGBPC35xxxW*, FGBPC40xxx*, FGBPC40xxxM*, FGBPC50xxx*, FGBPC50xxxM*, GBPC15xxx*, GBPC15xxxM*, GBPC15xxxW*, GBPC25xxx*, GBPC25xxxM*, GBPC25xxxW*, GBPC35xxx*, GBPC35xxxM*, GBPC35xxxW*, GBPC40xxx*, GBPC40xxxM*, GBPC50xxx*, GBPC50xxxM*

Bridge rectifier semiconductors, "GBUXXX Series", Model(s): GBU1001, GBU1002, GBU1003, GBU1004, GBU1005, GBU1006, GBU1007, GBU401, GBU402, GBU403, GBU404, GBU405, GBU406, GBU407, GBU601, GBU602, GBU603, GBU604, GBU605, GBU606, GBU607, GBU801, GBU802, GBU803, GBU804, GBU805, GBU806, GBU807

Bridge Rectifier Semiconductors, "KBJL Series", Model(s): TS10KL100, TS10KL60, TS10KL80, TS4KL100, TS4KL60, TS4KL80, TS6KL100, TS6KL60, TS6KL80, TS8KL100, TS8KL60, TS8KL80

Bridge rectifier semiconductors, "KBP Series", Model(s): FKBP30XG *, KBP30XG*

Bridge Rectifier Semiconductors, "KBP Series", Model(s): FKBP followed by 101-107, 151-157, 201-207, may be followed by G.

Bridge Rectifier Semiconductors, "KBP Series", Model(s): KBP followed by 101-107, 151-157, 201-207, may be followed by G.

Bridge rectifier semiconductors, "MBSXX Series", Model(s): MBS10, MBS12, MBS2, MBS4, MBS6, MBS8

Bridge rectifier semiconductors, "RMBXS Series", Model(s): RMB2S, RMB4S, RMB6S

Bridge rectifier semiconductors, "TSS4B Series", Model(s): TSS4B01, TSS4B01G, TSS4B02, TSS4B02G, TSS4B03, TSS4B03G, TSS4B04, TSS4B04G

Bridge Rectifier Semiconductors, DB Series, Model(s): DBXXX, DBSXXX, HDB10X where X represents a digit, may contain an F prefix and may contain a G or S suffix.

Bridge rectifiers, Model(s): KBU1001G, KBU1002G, KBU1003G, KBU1004G, KBU1005G, KBU1006G, KBU1007G, KBU401G, KBU402G, KBU403G, KBU404G, KBU405G, KBU406G, KBU407G, KBU601G, KBU602G,

KBU603G, KBU604G, KBU605G, KBU606G, KBU607G, KBU801G, KBU802G, KBU803G, KBU804G, KBU805G, KBU806G, KBU807G

Bridge Rectifiers, "KBL Series", Model(s): KBL401G, KBL402G, KBL403G, KBL404G, KBL405G, KBL406G, KBL407G, KBL601G, KBL602G, KBL603G, KBL604G, KBL605G, KBL606G, KBL607G

Bridge Rectifiers, Package Code 4KBJ, Model(s): TS10K40-A, TS10K60-A, TS10K80-A, TS20K100-T, TS20K40-T, TS20K60-T, TS20K80-T, TS4K40-A, TS4K60-A, TS4K80-A, TS6K40-T, TS6K60-T, TS6K80-T

Bridge Rectifiers, Package Code 6KBJ, Model(s): TS15P05G-K, TS15P06G-K, TS15P07G-K, TS25P05G-K, TS25P06G-K, TS25P07G-K, TS6P01G-K, TS6P02G-K, TS6P03G-K, TS6P04G-K, TS6P05G-K, TS6P06G-K, TS6P07G-K

Electrically isolated semiconductor devices, Model(s): MBRF16H45, UF5JFC, UR2KB100, UR2KB60, UR2KB80, UR3KB100, UR3KB60, UR3KB80, UR4KB100-B, UR4KB60-B, UR4KB80-B

Electrically Isolated Semiconductor Devices, Model(s): UGF10L08G, UGF10L08GA, UR8KB100, UR8KB60, UR8KB80

Electrically Isolated Semiconductor Devices, "Bridge rectifiers, "TO-3P Series"", Model(s): UG2004PT, UG6005PT

Electrically isolated semiconductor devices, "ITO-220AB Series", Model(s): FRF100XG*, FRF160XG*, FRF50XG*, HERF1007GA, HERF1008GA, HERF100XG*, HERF160XG*, MBRF10HXX0CT*, MBRF10L100CT*, MBRF10XXXCT*, MBRF15XXXCT*, MBRF20HXX0CT*, MBRF20L1X0CT*, MBRF25XXXCT*, MBRF30L120CT*, MBRF30L45CT*, MBRF8XXXCT*, MURF16X0CT*, SBRF10XX0CT*, SBRF20XXXCT*, SFF100XG*, SFF160XG*, SFF200XG*, SFF50XG*, SRF16XXX*, SRF20XXX*

Electrically isolated semiconductor devices, "ITO-220AB Series", Model(s): MBRF10 followed by 100, 150 or 200, followed by D.

Electrically isolated semiconductor devices, "ITO-220AB Series", Model(s): MBRF20 followed by 35, 45, 50, 60, 80, 90, 100, 150 or 200, followed by CT.

Electrically isolated semiconductor devices, "ITO-220AB Series", Model(s): MBRF30 followed by 35, 45, 50, 60, 80, 90, 100 or 150, followed by CT.

Electrically isolated semiconductor devices, "ITO-220AB Series", Model(s): SFF100 followed by 1, 2, 3, 4, 5, 6, 7 or 8, followed by GA.

Electrically isolated semiconductor devices, "ITO-220AB Series", Model(s): SFF10L0 followed by 4, 5, 6 or 8, followed by G or GA.

Electrically isolated semiconductor devices, "ITO-220AB Series", Model(s): SFF200 followed by 4, 5, 6 or 8, followed by GA.

Electrically isolated semiconductor devices, "ITO-220AB Series", Model(s): SRF10 followed by 20, 30, 40, 50, 60, 90, 100, 150 or 200, maybe followed by D.

Electrically isolated semiconductor devices, "ITO-220AC Series", Model(s): FRAF100XG*, FRAF160XG*, FRAF80XG*, HERAF100XG*, HERAF160XG*, HERAF80XG*, MBRF10XXX*, MBRF16XXX*, MBRF20XXX*, MBRF7XXX*, SFAF100XG*, SFAF160XG*, SFAF200XG*, SFAF50XG*, SFAF80XG*, SRAF10XXX*, SRAF16XXX*, SRAF5XXX*, SRAF8XXX*

Electrically Isolated Semiconductor Devices, Bridge Rectifiers, Package Code GBU, Model(s): GBU1005-K, GBU1006-K, GBU1007-K, GBU1505, GBU1506, GBU1507, GBU2504, GBU2504, GBU2505, GBU2505, GBU2506, GBU2506, GBU2507, GBU2507, GBU404-K, GBU404-K, GBU405-K, GBU405-K, GBU406-K, GBU406-K, GBU407-K, GBU407-K, GBU604-K, GBU604-K, GBU605-K, GBU605-K, GBU606-K, GBU606-K, GBU607-K, GBU607-K, GBU804-K, GBU804-K, GBU805-K, GBU805-K, GBU806-K, GBU806-K, GBU807-K, GBU807-K

Power Switching Semiconductors, Model(s): MBRF10HXX0CT, MBRF20HXX0CT, UGF1004G, UGF1004GA, UGF1005G, UGF1005GA, UGF1006G, UGF1006GA, UGF1007G, UGF1007GA, UGF1008G, UGF1008GA, UGF10G, UGF10J, UGF12G, UGF12J, UGF1604G, UGF1604GA, UGF1605G, UGF1605GA, UGF1606G, UGF1606GA, UGF1607G, UGF1607GA, UGF1608G, UGF1608GA, UGF2004G, UGF2005G, UGF2006G, UGF2007G, UGF2008G, UGF5G, UGF5J, UGF8G, UGF8J, UGF8JD

Power Switching Semi-Conductors, Model(s): KBP101G, KBP102G, KBP103G, KBP104G, KBP105G, KBP106G, KBP107G, KBP151G, KBP152G, KBP153G, KBP154G, KBP155G, KBP156G, KBP157G, KBP201G, KBP202G, KBP203G, KBP204G, KBP205G, KBP206G, KBP207G, KBP301G, KBP302G, KBP303G, KBP304G, KBP305G, KBP306G, KBP307G, KBPF204G, KBPF205G, KBPF206G, KBPF207G, KBPF304G, KBPF305G, KBPF306G, KBPF307G, KBPF404G, KBPF405G, KBPF406G, KBPF407G, T10JA05G-K, T10JA06G-K, T10JA07G-K, T15JA05G-K, T15JA06G-K, T15JA07G-K, T25JA05G-K, T25JA06G-K, T25JA07G-K

Power Switching Semiconductors, "EGF Series", Model(s): EGF1A, EGF1B, EGF1C, EGF1D, EGF1G, EGF1J, EGF1K, EGF1M

Power Switching Semiconductors, "ES Series", Model(s): ES1A, ES1B, ES1C, ES1D, ES1F, ES1G, ES1H, ES1J, ES2AA, ES2BA, ES2CA, ES2DA, ES2FA, ES2GA, ES2HA, ES2JA

Power Switching Semiconductors, "ES2 Series", Model(s): ES2A, ES2B, ES2C, ES2D, ES2F, ES2G, ES2H, ES2J

Power Switching Semiconductors, "ES3 Series", Model(s): ES3A, ES3B, ES3C, ES3D, ES3F, ES3G, ES3H, ES3J

Power Switching Semiconductors, "HS Series", Model(s): HS1A, HS1B, HS1D, HS1F, HS1G, HS1J, HS1K, HS1M, HS2AA, HS2BA, HS2DA, HS2FA, HS2GA, HS2JA, HS2KA, HS2MA

Power Switching Semiconductors, "HS2 Series", Model(s): HS2A, HS2B, HS2D, HS2F, HS2G, HS2J, HS2K, HS2M

Power Switching Semiconductors, "HS3 Series", Model(s): HS3A, HS3B, HS3D, HS3F, HS3G, HS3J, HS3K, HS3M

Power Switching Semiconductors, "HS5 Series", Model(s): HS5A, HS5B, HS5D, HS5F, HS5G, HS5J, HS5K, HS5M

Power Switching Semiconductors, "RS1 Series", Model(s): RS1A, RS1B, RS1D, RS1G, RS1J, RS1K, RS1M

Power Switching Semiconductors, "RS2 Series", Model(s): RS2A, RS2B, RS2D, RS2G, RS2J, RS2K, RS2M

Power Switching Semiconductors, "RS3 Series", Model(s): RS3A, RS3B, RS3D, RS3G, RS3J, RS3K, RS3M

Power Switching Semiconductors, "S1 Series", Model(s): S1A, S1AB, S1AL, S1B, S1BB, S1BL, S1D, S1DB, S1DL, S1G, S1GL, S1J, S1JB, S1JL, S1K, S1KB, S1KL, S1M, S1MB

Power Switching Semiconductors, "S2 Series", Model(s): S1ML, S2A, S2AA, S2B, S2BA, S2D, S2DA, S2G, S2GA, S2J, S2JA, S2K, S2KA, S2M, S2MA

Power Switching Semiconductors, "S3 Series", Model(s): S3A, S3AB, S3B, S3BB, S3D, S3DB, S3G, S3GB, S3J, S3JB, S3K, S3KB, S3M, S3MB

Power Switching Semiconductors, "S4 Series", Model(s): S4A, S4B, S4D, S4G, S4J, S4K, S4M

Power Switching Semiconductors, "S5 Series", Model(s): S5A, S5B, S5D, S5G, S5J, S5K, S5M

Power Switching Semiconductors, "S6 Series", Model(s): S6A, S6B, S6D, S6G, S6J, S6K, S6M

Power Switching Semi-Conductors, "SK Series", Model(s): SK followed by 12 thru 16, 110, 32 thru 36, 39, 310, 52 thru 56, 59 or 510, may be followed by B.

Power Switching Semiconductors, "SK2 Series", Model(s): SK210, SK210A, SK22, SK22A, SK23, SK23A, SK24, SK24A, SK25, SK25A, SK26, SK26A, SK29, SK29A

Power Switching Semiconductors, "SK3 Series", Model(s): SK310, SK310A, SK32, SK32A, SK33, SK33A, SK34, SK34A, SK35, SK35A, SK36, SK36A, SK39, SK39A

Power Switching Semiconductors, "SK5 Series", Model(s): SK53, SK53C, SK54, SK54C, SK56, SK56C

Power Switching Semiconductors, "SK8 Series", Model(s): SK82, SK82C, SK83, SK83C, SK84, SK84C, SK85, SK85C, SK86, SK86C

Power Switching Semiconductors, "SKL Series", Model(s): SKL22, SKL22A, SKL24, SKL24A, SKL32, SKL32A, SKL34, SKL34A, SKLL22, SKLL22A, SKLL24, SKLL24A, SKLL32, SKLL32A, SKLL34, SKLL34A

Power Switching Semiconductors, "SL Series", Model(s): SL22, SL22A, SL24, SL24A, SL32, SL32A, SL34A, SLL22, SLL22A, SLL24, SLL24A, SLL32, SLL32A, SLL34, SLL34A

Power Switching Semiconductors, "SS1 Series", Model(s): SS110, SS12, SS13, SS14, SS15, SS16, SS19

Power Switching Semiconductors, "SS2 Series", Model(s): SS210, SS22, SS23, SS24, SS25, SS26, SS29

Power Switching Semiconductors, "SS3 Series", Model(s): SS310, SS32, SS33, SS34, SS35, SS36, SS39

Power Switching Semiconductors, "SSL1 Series", Model(s): SSL12, SSL13, SSL14

Power Switching Semiconductors, "SSL2 Series", Model(s): SSL22, SSL23, SSL24

Power Switching Semiconductors, "SSL3 Series", Model(s): SSL32, SSL33, SSL34

Power Switching Semiconductors, "TO-220 Series", Model(s): FR10XXG*, FR10XXGG*, FR16XX*, FR16XXG*, FRA100X*, FRA100XG*, FRA16XX*, FRA16XXG*, FRA8XX*, FRA8XXG*, GP10XX*, GP10XXG*, GP16XX*, GP16XXG*, GP8XX*, GP8XXG*, GPA16XX*, GPA16XXG*, GPA8XX*, GPA8XXG*, HER10XX*, HER10XXG*, HER16XX*, HER16XXG*, HER8XX*, HER8XXG*, HERA16XX*, HERA16XXG*, HERA8XX*, HERA8XXG*, MBR10HXXXCT*, MBR10HXXXCTG*, MBR10LXXX*, MBR10LXXXCT*, MBR10XXX*, MBR10XXXCT*, MBR10XXXCTG*, MBR10XXXG*, MBR15XXXCT*, MBR15XXXCTG*, MBR16XXX*, MBR16XXXG*, MBR20HXXXCT*, MBR20HXXXCTG*, MBR20LXXX*, MBR20LXXXCT*, MBR20XXXCT*, MBR20XXXCTG*, MBR25XXXCT*, MBR25XXXCTG*, MBR30HXXX*, MBR30HXXXCT*, MBR30LXXX*, MBR30LXXXCT*, MBR30XXXCT*, MBR30XXXCTG*, MBR7XXX*, MBR7XXXG*, MUR16XXCT*, MUR16XXCTG*,

MUR8XX*, MUR8XXG*, SBR10XXXCT*, SBR10XXXCTG*, SBR20XXXCT*, SBR20XXXCTG*, SF10XX*, SF10XXG*, SF16XX*, SF16XXG*, SF20XX*, SF20XXG*, SF8XX*, SF8XXG*, SFA10XXG*, SFA10XXGG*, SFA16XX*, SFA16XXG*, SFA8XX*, SFA8XXG*, SR10XX*, SR10XXG*, SR16XX*, SR16XXG*, SR20XX*, SR20XXG*, SR8XX*, SR8XXG*, SRA10XX*, SRA10XXG*, SRA16XX*, SRA16XXG*, SRA20XX*, SRA20XXG*, SRA8XX*, SRA8XXG*, UGXJ*, UGXJCT*

Power Switching Semiconductors, "TO-3P Series", Model(s): HER16XXPT*, HER20XXPT*, HER30XXPT*, MBR20XXXPT*, MBR30XXXPT*, MBR40XXXPT*, MBR60XXXPT*, SF16XXPT*, SF20XXPT*, SF30XXPT*, SR16XXPT*, SR20XXPT*, SR2XXXPT*, SR30XXPT*, SR40XXPT*, SR50XXPT*

Power Switching Semiconductors, "US Series", Model(s): US1A, US1B, US1D, US1G, US1J, US1K, US1M

Power Switching SemiconductorsV, "SL Series", Model(s): SL34

Transient Voltage Suppressor Diode, Model(s): 1.5KE Series followed by 2 to 3 digits, may be followed by a letter "A" or C or CA.

Transient Voltage Suppressor Diode, Model(s): P4KE Series followed by 2 to 3 digits, may be followed by a letter "A" or C or CA.

Transient Voltage Suppressor Diode, Model(s): P6KE Series followed by 2 to 3 digits, may be followed by a letter "A" or C or CA.

Transient Voltage Suppressor Diode, "1.5SMC Series", Model(s): 1.5SMC followed by 6.8, 7.5, 8.2, 9.1, 10, 11, 12, 13, 15, 16, 18, 20, 22, 24, 27, 30, 33, 36, 39, 43, 47, 51, 56, 62, 68, 75, 82, 91, 100, 110, 120, 130, 150, 160, 170, 180 or 200, may be followed by blank, A, C or CA (1500W, Voltage range: 6.8 to 200 V

Transient Voltage Suppressor Diode, "3.0SMC Series", Model(s): 3.0SMC followed by 5.0, 6.0, 6.5, 7.0, 7.5, 8.0, 8.5, 9.0, 10 thru 18, 20, 22, 24, 26, 28, 30, 33, 36, 40, 43, 45, 48, 51, 54, 58, 60, 64, 70, 75, 78, 85, 90, 100, 110, 120, 130, 150, 160 or 170, may be followed by blank, A, C or CA (3000W, Voltage range

Transient Voltage Suppressor Diode, "P4SMA Series", Model(s): P4SMA followed by 6.8, 7.5, 8.2, 9.1, 10, 11, 12, 13, 15, 16, 18, 20, 22, 24, 27, 30, 33, 36, 39, 43, 47, 51, 56, 62, 68, 75, 82, 91, 100, 110, 120, 130, 150, 160, 170, 180 or 200, may be followed by blank, A, C or CA (400W, Voltage Range: 6.8 to 200) .

Transient Voltage Suppressor Diode, "P6SMB Series", Model(s): P6SMB followed by 6.8, 7.5, 8.2, 9.1, 10, 11, 12, 13, 15, 16, 18, 20, 22, 24, 27, 30, 33, 36, 39, 43, 47, 51, 56, 62, 68, 75, 82, 91, 100, 110, 120, 130, 150, 160, 170, 180, 200 or 220, may be followed by blank, A, C or CA (600W, Voltage Range: 6.8 to 20

Transient Voltage Suppressor Diode, "SMAJ Series", Model(s): SMAJ followed by 5.0, 6.0, 6.5, 7.0, 7.5, 8.0, 8.5, 9.0, 10 thru 18, 20, 22, 24, 26, 28, 30, 33, 36, 40, 43, 45, 48, 51, 54, 58, 60, 64, 70, 75, 78, 85, 90, 100, 110, 120, 130, 150, 160 or 170, may be followed by blank, A, C or CA

Transient Voltage Suppressor Diode, "SMBJ Series", Model(s): SMBJ followed by 5.0, 6.0, 6.5, 7.0, 7.5, 8.0, 8.5, 9.0, 5V0, 6V0, 6V5, 7V0, 7V5, 8V0, 8V5, 9V0, 10 thru 18, 20, 22, 24, 26, 28, 30, 33, 36, 40, 43, 45, 48, 51, 54, 58, 60, 64, 70, 75, 78, 85, 90, 100, 110, 120, 130, 150, 160 or 170, may be followed by blank, A, C or CA.

Transient Voltage Suppressor Diode, "SMCJ Series", Model(s): SMCJ followed by 5.0, 6.0, 6.5, 7.0, 7.5, 8.0, 8.5, 9.0, 5V0, 6V0, 6V5, 7V0, 7V5, 8V0, 8V5, 9V0, 10 thru 18, 20, 22, 24, 26, 28, 30, 33, 36, 40, 43, 45, 48, 51, 54, 58, 60, 64, 70, 75, 78, 85, 90, 100, 110, 120, 130, 150, 160 or 170, may be followed by blank, A, C or CA (1500W, Voltage Range:

Zener Diode, "1SMA Series", Model(s): 1SMA followed by 4741 thru 4764, 110Z, 120Z, 130Z, 150Z, 160Z, 180Z, 200Z or 5926 thru 5945.

* - Where X represents a digit.

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