```
TIDA-010010
                   Otv
                                 Description
                                                                                 Manufacturer
                                                                                                                                                                                Reference Designator
                                                                                                                  Part Number
                                                                                                                  Part Number
TI_AM572x_PM_RevA3_Gerbers
C0805X104K3RACTU
GRM155R71C103KA01D
TPSC107K010R0150
GRM32ER71H475KA88L
                             Description

1 PCB,AM572x MAIN BOARD

3 0805,0.1UF,25V,X7R,10%

8 0402,0.01UF,16V,X7R,10%

8 2312,100UF,10V,10%

7 1210,4.7UF,50V,X7R,10%
                                                                                  GENR
                                                                                  KEMET
Murata
                                                                                                                                                                                C1,C7,C401
C416,C417,C418,C420,C454,C455,C456,C457
C2,C8,C9,C403,C404,C406,C411,C413
C3,C14,C402,C438,C439,C440,C445
                                                                                 AVX
MURATA
                               3 0201.8200PF.10V.X5R.10%
                                                                                 AVX
                                                                                                                  0201ZD822KAT2A
                                                                                                                                                                                C4.C13.C408
                                                                                 ΜΙΙΚΑΤΑ
                                                                                                                  GRM1555C1H220FA01D
                               2 0402 22PF 50V COG/NP0 5%
                                                                                                                                                                                C5 C409
                                                                                 MURATA
KEMET
YAGEO
MURATA
                               8 0402,1000PF.50V.X7R.10%
                                                                                                                  GCM155R71H102KA37D
                                                                                                                                                                                C6,C197,C237,C245,C390,C391,C410,C429
                               3 0402,1000PF,50V,X7R,10%
3 0805,220PF,50V,X7R,10%
1 0805,820PF,50V,X7R,10%
1 0402,470PF,50V,X7R,10%
                                                                                                                  C0805C221K5RACTU
CC0805KRX7R9BB821
GRM155R71H471KA01D
                                                                                                                                                                                C6,C197,C237,C
C10,C109,C112
C11
C443
              10
11
12
                              1 0805,15PF,50V,C0G/NP0,5%
                                                                                 YAGEO
                                                                                                                  CC0805JRNPO9BN150
                                                                                                                                                                                C12
                                                                                                                                                                                C15,C16,C30,C81,C94,C97,C99,C104,C105,C108,C110,C111,C446,C216,
                                                                                                                                                                                C447,C230,C231,C239,C241,C242,C244,C247,C248,C252,C253,C258,C259,
C262,C263,C264,C270,C272,C274,C334,C388,C392,C398,C399,C405,C407,C412,C414,C415,C419,
              13
                            64 0402.0.1UE.16V.Y5V.-20/+80% TAIYO YUDEN
                                                                                                                  CL05E104ZO5NNNC
                                                                                                                                                                                C422,C423,C424,C425,C426,C427,C428,C430,C433,C434,C441,C448,C449,C450,C451,C478,C472,C473,C474,C475
                                                                                                                                                                                C17,C18,C19,C20,C21,C22,C24,C25,C26,C27,C28,C29,C63,C80,C92,C246,C255,C256,C267,C496,C500
                                                                                                                  GRT155R60J225KE01D
              14
                            21 0402,2.2UF,6.3V,X5R,10%
                                                                                 Murata
                                                                                                                                                                                C23.C50.C53.C54.C113.C122.C130.C131.C189.C190.C202.C238
                                                                                                                                                                                C249,C254,C257,C271,C295,C312,C327,C341,C350,C361,C369,C387,C389,C393,C394,C395,C396,
                            28 0603 10HE 6 3V VSP 20%
                                                                                 TAIVO VIIDEN
                                                                                                                  I MY 107RR I 106MAHT
                                                                                                                                                                                 C397,C431,C432,C436,C437,C442,C481,C494,C497
                             38 0603,10UF,6.3V,XSR,20%
2 0402,10PF,50V,C0G/NP0,5%
16 0402,4.7UF,6.3V,XSR,20%
7 1206,47UF,6.3V,XSR,20%
                                                                                 MURATA
MURATA
MURATA
                                                                                                                  GCM1555C1H100JA16D
GRM155R60J475ME47D
GRM31CR60J476ME19L
                                                                                                                                                                                C397,C431_C432_C436_C437,C442_C481_C494_C497
C31_C32
C33_C35_C37_C39_C41_C43_C45_C46_C48_C64_C70,C163_C179,C261_C265_C268
C34_C36_C38_C47_C49_C250_C251
                                                                                                                                                                                C194,C195,C196,C198,C199,C200,C201,C203,C204,C236,C243,C273,C421,C470,C482,C483,C484,
                          103 0201.0.1UE.6.3V.X5R.20%
                                                                                 TDK
                                                                                                                  C0603X5R1A104M030BC
                                                                                                                                                                                 C485,C486,C487,C488,C489,C490,C491,C492,C493,C498,C499
C52,C56,C78,C88,C89,C161,C162,C165,C166,C167,C168,C171,C172,C266,C269,C275,C276,C277,
                                                                                                                                                                               CS2,CS6,C78,C88,C89,C161,C162,C165,C166,C167,C168,C171,C172,C266,C269,C275,C276,C277,
C278,C279,C280,C281,C282,C283,C244,C285,C286,C287,C288,C289,C290,C291,C29-C293,C294,
C296,C297,C298,C299,C300,C301,C302,C303,C304,C305,C306,C307,C308,C309,C310,C311,C313,
C314,C315,C316,C317,C318,C319,C320,C321,C322,C324,C324,C325,C326,C328,C329,C330,C331,
C322,C333,C335,C336,C337,C338,C339,C304,C326,C348,C344,C345,C346,C347,C346,C347,C348,C347,C352,C332,C333,C334,C3355,C356,C357,C358,C359,C360,C362,C363,C354,C365,C366,C367,C368,C370,
                          119 0201.0.22UF.6.3V.X5R.20%
                                                                                                                  C0603X5R0J224M030BB
                                                                                                                                                                                C371.C372.C373.C374.C375.C376.C377.C378.C379.C380.C381.C382.C383.C384.C385.C386
              21
                              2 0201.0.47UF.4V.X5R.20%
                                                                                 TAIYO YUDEN
                                                                                                                   AMK063BJ474MP-
                                                                                                                                                                                C90,C91,C141,C142,C143,C144,C145,C146,C147,C148,C149,C150,C151,C152,C153,C154,C155,C164
                           20 0201,1UF,4V,XSR,20% TAIYO_\
3 0805,22UF,6.3V,XSR,20% AVX
6 0402,18PF,50V,C0G/NP0,5% Murata
1 0402,10PF,10V,C0G/NP0,+/-.25PI KEMET
                                                                                                                                                                                C90,C471
C260,C471
C93,C156,C180
C100,C101,C217,C218,C235,C240
              22
23
24
25
                                                                                 TAIYO_YUDEN
                                                                                                                  ΔΜΚΩ63ΔΒ11Ω5MP-F
                                                                                                                  08056D226MAT2A
GJM1555C1H180JB01D
                                                                                                                  C0402C100C8GACTU
                                                                                                                                                                                C400
                                                                                                                                                                                D1.D2.D24
              26
                              3 SCHOTTKY,40V,5A,DO-221AC
6 0603,RED/ORAN/CLEAR
                                                                                 MICRO CO
                                                                                                                  SK54AFL-TP
                                                                                 LITEON
                                                                                                                  LTST-C191KFKT
                                                                                                                                                                                D3.D4.D5.D6.D7.D41
              27
28
29
30
31
32
33
34
35
36
37
38
39
40
41
44
                               4 0603.TVS.24VWM.45VC
                                                                                  TE CONN
                                                                                                                   PESD0603-240
                                                                                                                                                                                D8 D9 D10 D11
                              4 0603,1V5,24VWM,45VC IE_CUNI

8 TV5,5.5VWM,14VC,2X2SON Texas Ins

4 ESD PROTECTION,ARRAY,2CH,SC Texas Ins

1 0805,150R,800MA LAIRD_S

4 CHOKE COIL,COMMON MODE,28 MURATA
                                                                                                                   PESD0603-240
TPD1E05U06DPYR
TPD2E001DRL
LI0805H151R-10
                                                                                                                                                                                D12,D13,D14,D15,D16,D17,D18,D19
D20,D21,D22,D23
                                                                                                                                                                                FB9
FL1,FL2,FL3,FL4
                                                                                                                  DLW21SN900HQ2
                              1 SLOW BLOW,125VDC,5A
                                                                                 LITTLEFU
                                                                                                                  0154005.DRT
                              3 JUMPER.100".GOLD
                                                                                 зм
                                                                                                                  969102-0000-DA
                                                                                                                                                                                J3AJ4AJ6A
                                                                                 COILCRAF
                              2 4.7UH.20%.4A
                                                                                                                   XAL5030-472MEB
                                                                                                                                                                                L1.L16
                              1 3.3UH,20%,8.7A
4 1.0UH,20%,4.2A
6 0805,0.47UF
8 0805,220R,2000MA
                                                                                 COILCRAF
VISHAY
MURATA
MURATA
                                                                                                                   XAI 5030-332MFB
                                                                                                                  IHLP-1616ABER1ROM11
NFM21PC474R1C3D
BLM21PG221SN1D
                                                                                                                                                                                L3,L4,L5,L9
L10,L11,L12,L21,L22,L24
                                                                                                                                                                                L13,L14,L15,L17,L18,L19,L20,L23
                              1 CONN PWR JACK 2.5X5.5MM PCE CUI
                                                                                                                  PJ-080BH
                                                                                                                  FTR-110-03-G-D-06
                                                                                 SAMTEC
                              1 20 POS.DUAL.GOLD..05"
                                                                                                                                                                                P4
P7
                              1 RCPT.STD.MICRO.USB.TYPE B
                                                                                                                   10103594-0001LF
                                                                                                                  SJ1-3524NG
68000-406HLF
10029449-001RLF
GSB311131HR
                                                                                                                                                                                P8,P9
P10
P11
P13
                                IACK STEREO 3 5MM 4F
              45
46
47
49
50
51
                                : JACK,STEREU,3.5MM,4P

: 6 POS,STR,TIN

: RCPT,HDMI,R/A

: USB,3.0 REC,TYPE A,R/A,9 POS
                               1 USB,3.0,TYPE A,STACKED R/A
                                                                                 AMPHENOL
                                                                                                                  GSB311231HR
                                                                                                                                                                                P15
                               4 60 POS.0.8MM.VERT
                                                                                 HIROSE
                                                                                                                  FX18-60P-0.8SV
                                                                                                                                                                                P16.P17.P18.P19
                              2 NPN/NPN.W/RES.50V.SMINI6
                                                                                 PANASONIC
                                                                                                                  DMC564040R
                                                                                                                                                                                Q3.Q4
              53
54
55
56
57
58
                                                                                                                                                                               Q5
Q6
R36
R1,R7,R34,R35
                                MOSEET N-CH 20V 915MA SOT-4
                                                                                 ON SEMICO
                                                                                                                  NTA4153NT1G
                              1 MOSFET,N-CH,20V,915MA,SOT-4 ON_
1 MOSFET,N-CH,60V,320MA,SOT-3 NXP
1 1206,0R02,1W,1% VISH
4 1206,0R01,1/2W,0.5% OHM
1 0402,8K25,1/16W,1% STAG
                                                                                                                  BSS138PW,115
WSLP1206R0200FEA
LVK12R010DER
RMCF0402FT8K25
                                                                                 VISHAY
OHMITE
                                                                                 STACKPOLE
                                                                                                                                                                                R206
                                                                                                                                                                                R336.R337.R338.R339.R340.R341.R342.R343.R344.R345.R346.R347.R348.R349.R350.R351.R352
                                                                                                                                                                                R353.R354.R355.R356.R357.R358.R359.R360.R361.R362.R363.R364.R365.R366.R367.R368.R369
              59
                            48 0402 47R0 1/16W 1%
                                                                                 STACKPOLE
                                                                                                                  RMCF0402FT47R0
                                                                                                                                                                                R370.R371.R372.R373.R374.R375.R376.R377.R378.R379.R380.R381.R382.R383
                              3 0402,47K0,1/16W,1%
3 0402,10K2,1/16W,1%
2 0402,169K,1/10W,1%
2 0402,45K3,1/16W,1%
                                                                                 YAGEO
PANASONIC
Yageo
VISHAY
                                                                                                                  RC0402FR-0710K2L
ERJ-2RKF1693X
RC0402FR-0745K3L
                                                                                                                                                                                R2,R13,R292
              60
61
62
63
64
65
66
67
                                                                                                                                                                                R3,R9
R4,R295
                              1 0402,154K,1/16W,1%
                                                                                                                  CRCW0402154KFKED
                                                                                                                                                                                R396
R397
                              1 0402,470K,1/16W,1%
                                                                                 VISHAY
                                                                                                                  CRCW0402470KFKED
                              2 0402.1K91.1/10W.1%
                                                                                 PANASONIC
                                                                                                                  ERJ-2RKF1911X
                                                                                                                                                                                R5.R296
                              3 0402.20K5.1/16W.1%
                                                                                 STACKPOLE
                                                                                                                   RMCF0402FT20K5
                                                                                                                                                                                R6.R11.R297
                                                                                                                                                                               KO,KII, KC-Y
KB,R273,R272,R303
R10,R21,R28,R24,R26,R27,R22,R41,R42,R44,R46,R50,R51,R52,R56,R58,
R180,R181,R182,R183,R407,R187,R187,R188,R190,R191,R192,R193,R194,R195,R196,R239,R260,R261,
R262,R263,R264,R265,R272,R285,R287,R288,R313,R321,R335,R189,R205,R419,R421,R424,R433,R197
                              4 0402,1K00,1/16W,5%
                                                                                                                  CRCW04021K00JNED
                            52 0402,10K0,1/16W,1%
                                                                                                                  RK73H1ETTP1002F
              68
                                                                                 KOA
YAGEO
              69
                              1 0402,90K9,1/16W,1%
                                                                                                                  RC0402FR-0790K9L
                                                                                                                                                                                R330
                              1 0402.16K0.1/16W.1%
                                                                                 Vishay
                                                                                                                  CRCW040216K0FKED
                                                                                                                                                                                R329
              70
71
72
73
74
                              1 0402.51K1.1/16W.1%
                                                                                 Vishay
                                                                                                                  CRCW040251K1FKED
                                                                                                                                                                                R12
                            2 0402,3K24,1/16W,1%
17 0402,4K70,1/16W,5%
9 0402,2K20,1/16W,1%
                                                                                 STACKPOLE
                                                                                                                  RMCF0402FT3K24
                                                                                                                                                                                R14 R240
                                                                                                                                                                               R14,R240
R15,R33,R59,R62,R66,R204,R207,R209,R215,R216,R217,R218,R243,R333,R334,R398,R399
R16,R17,R18,R19,R43,R212,R213,R391,R392
R29,R30,R32,R39,R53,R57,R210,R211,R244,R249,R290,R291,R302,R412,R414,R422,R416,R312,R384,R395,R299,R300,R323,R395,R36,R37,R400,R401,R402,R403,R451,R477,R478,R479,R480
R48,R219,R220,R221,R222,R236,R286,R309
                                                                                 Vishay
                                                                                                                  CRCW04024K70JNED
                           34 0402,0R00,JUMPER,1/16W
8 0402,100K,1/16W,5%
              75
76
                                                                                                                  RC0402JR-070RL
RK73B1ETTP104J
                                                                                 KOA
                                                                                                                                                                               M48,R219,R220,R221,R222,R236,R286,R399
R61,R63,R64,R64,R42,R125,R126,R127 R128,R129,R130,R131,R132,R133,R134,R135,R136,R139,R139,R140,R141,R142,R143,R144,R145,R147,R148,R149,R150,R152,R153,R223,R84,R85,R86,R87,R88,R89,R111,R112,R113,R114,R115,R118
R417
R294
R201,R442
                           44 0402,22R0,1/16W,5%
1 0402,220R,1/16W,5%
1 0402,30K0,1/16W,5%
                                                                                 Vishay
YAGEO
STACKPOLE
                                                                                                                  CRCW040222R0INED
              77
78
79
81
                                                                                                                  AC0402JR-07220RL
RMCF0402JT30K0
                                                                                                                  CRCW04021K87FKED
                               2 0402,1K87,1/16W,1%
                                                                                  VISHAY
                              1 0402,1M00,1/16W,5%
                                                                                 KOA
                                                                                                                   RK73B1ETTP105J
                                                                                                                                                                                R202
              82
83
84
85
86
87
88
89
90
91
92
93
94
95
96
97
                                                                                  VISHAY
                                0402,4K99,1/8W,1%
                                                                                                                  CRCW04024K99FKEDC
                                                                                                                                                                                R203
                                AM572x PROCESSOR,1.5GHz

0402,10R0,1/16W,5%

0402,20K0,1/16W,1%

0402,33R0,1/16W,5%
                                                                                 Texas Instrui
STACKPOLE
VISHAY
KOA
                                                                                                                  AM5728BABCXFA
                                                                                                                  RMCF0402JT10R0
CRCW040220K0FKED
RK73B1ETTP330J
CRCW0402240RFKEDC
                                                                                                                                                                                R224,R225,R227,R229,R230,R233,R289
R226,R228,R231,R232,R234,R235
R266,R267,R268,R269,R270,R271
                                                                                 Vishay
                               4 0402,240R,1/16W,1%
                                                                                                                                                                                R275,R276,R277,R278
                                                                                                                                                                                R279,R280,R281,R282,R283,R284
                              6 0402,49R9,1/16W,1%
                                                                                 Panasonio
                                                                                                                  ERJ-2RKF49R9X
                                                                                                                   RMCF0402FT25K5
                              1 0402,25K5,1/16W,1%
                                                                                 STACKPOLE
                                                                                                                                                                                R293
                                 0402.63K4.1/10W.1%
                                                                                  PANASONIC
                                                                                                                  FRI-2RKF6342X
                                                                                                                                                                                R298
                              1 0402,6343,1/10W,1% PANASONIC
1 0402,1008,1/16W,1% ROHM
2 TACTILE,95F1-NO,005A,12V TE_CONN
1 GATE AND SGLE,3INPUT,50T2-6 Texas Instruments
1 LOAD,SWITCH,6A,8WSON Texas Instruments
1 DGTL,TEMP SENSOR,IP,50T-563 Texas Instruments
                                                                                                                                                                               R308
S1,S2
U9
U1,U3,U28
                                                                                                                   MCR01MZPF1000
                                                                                                                  FSMRA3JH
SN74LVC1G11DCKR
TPS54531DDA
                                                                                                                  TPS22965DSGT
                                                                                                                                                                                U2
                                                                                                                  TMP102AIDRLT
                                                                                                                                                                                U4
U5
                              1 POWER MANAGEMENT, PROCES' Texas Instruments
                                                                                                                  TPS65903787WSF
```

```
99
100
101
102
103
104
105
106
107
108
109
110
111
               1 RTC/CALENDAR,EEPROM,8TDFN MICROCHIP
CLK,GEN,DOMHZ,32/DFN Texas Instruments
11 SOT3,TPD2EUS830A,TVS DIODE 3 Texas Instruments
11 EEPROM,32KBIT,400KHZ,8-SOC N,SEMICONDUCTOF
SGLE POSITIVE AND GATE,5C-C N Texas Instruments
1 VOLT,SUPERVISOR,9V,SOT23-6 Texas Instruments
                                                                                                          CDCM9102RHRR
                                                                                                           TPD2FLISB30ADR
                                                                                                                                                                           D25,D26,D27,D28,D29,D30,D31,D32,D33,D38,D40
                                                                                                          CAT24C256WI-G
SN74LVC1G08DCKR
TPS3808G09DBVR
                                                                                                                                                                          U8
U10
U12
                                                                                                                                                                           U14.U15
                 2 INTERFACE.TX/RX/TXRX
                                                                       Texas Instruments
                                                                                                          DP83867IRRGZ
                 1 REG.LDO.ADJ.1.5A.10SON
                                                                       Texas Instruments
                                                                                                          TPS74801DRC
                                                                                                                                                                           U16
                    TUSBROA1 4-PORT USB3 O HUB V Tevas Instruments
                                                                                                          TUSBRO41RGCR
                    TOSB894,4-PORT, JOSB3.0, HUB, Y TEXAS INSTRUMENTS
STEREO,AUDIO,CODEC,24 BIT,3: Texas Instruments
REG,LDO,1.8V,50MA,SOT23-5 Texas Instruments
BUFF/DVR,TRI-ST,DL,8VSSOP Texas Instruments
HDMI,ESD,PROT,24UQFN Texas Instruments
                                                                                                                                                                           U17
U18
U19
U20
U21
                                                                                                          TLV320AIC3104IRHBR
                                                                                                          TPS77018DBVT
SN74LVC2G241DCUR
TPD12S016RKTR
                                                                                                          MTFC16GAKAECN-2M WT
                   1 ASYNCH,4GX8,MCP,WFBGA
112
                                                                       Micron
                                                                                                                                                                           U22
                   4 DDR3LSDRAM.4G.FBGA
                                                                       Micron
                                                                                                          MT41K256M16TW-107:P
                                                                                                                                                                           U23.U24.U25.U26
113
114
115
116
117
118
                 1 CONV.DDR.DDR2.DDR3.10SON
                                                                       Texas Instrument
                                                                                                          TPS51200DRC
                                                                                                                                                                           1127
                 2 POWER,DIST,SWITCH,ADJ,10SON
1 MUX/DEMUX,2X2,28TQFN
1 REG,LDO,500MA,8-SOIC
                                                                       Texas Instruments
PERICOM
Texas Instruments
CITIZEN
                                                                                                         TPS2561DRCR
PI2DBS212ZHE
TL5209DR
CFS-20632768DZBB
                                                                                                                                                                           U29,U30
U31
U32
                   1 32.768 KHZ,6PF
1 20.000 MHZ,18PF,SMD
                                                                                                                                                                           Y1
Y2
                                                                                                          ABM7-20.000MHZ-D2Y-T
                                                                       ABRACON
119
                                                                                                                                                                          Y9
Y5
Y7
R318
R319
120
121
122
124
125
126
127
                   1 Crystal 16.3840MHz 10ppm 10pF
1 25.000 MHZ,18PF,SMD
                                                                      TXC
                                                                                                          7M-16.384MFFO-T
                                                                       ABRACON
                                                                                                          ABM3-25.000MHZ-D2Y-T
                  1 25.000 MHZ,18PF,SMD
1 24.000 MHZ,20PF,SMD
1 0402,1K74,1/10W,1%
1 0402,2K00,1/10W,1%
1 22.5792 MHZ,SMD
1 0402,0.33UF,10V,X5R,10%
                                                                       ECS
PANASONIC
PANASONIC
                                                                                                         ECS-240-20-30B
ERJ-2RKF1741X
ERJ-2RKF2001X
CX3225GB22579D0HEQCC
                                                                       Kyocera
YAGEO
                                                                                                          CC0402KRX5R6BB334
                                                                                                                                                                           C476
                                                                                                                                                                           D34.D35.D36.D37.D42
128
                  5 2X2SON TPD1F10B06 TVS DIODE Texas Instru
                                                                                                          TPD1F10B06DPYT
129
130
131
132
133
134
                   1 1210.1UE.X7R.50V.10%
                                                                       MURATA
                                                                                                          C1210F105K5RACTU
                                                                                                                                                                           C479
                   1 1210,1UF,X7R,50V,10% MURATA
1 US8,8-VFS0V,CG,GATE,NAND,2CH Texas Instruments
2 0402,16PF,50V,COG/NP0,1% KEMET
1 200GN,3GBPS,2CH,SATA,REDRIVI Texas Instruments
3 P 0S,SINGLEST,100°,TIN FCI
1 0402,22K6,1/16W,0.1% PANASONIC
                                                                                                          SN74LVC2G132DCU
CBR04C160F5GAC
SN75LVCP412A
68000-403HLF
                                                                                                                                                                           U34
                                                                                                                                                                           U34
C452,C453
U33
J3,J4,J6
                                                                                                          ERA-2AEB2262X
                                                                                                                                                                           R404
135
                   1 0402,620K,1/10W,1%
                                                                       PANASONIC
                                                                                                          ERJ-2RKF6203X
                                                                                                                                                                           R409
                 1 0402.330K.1/16W.1%
                                                                       YAGEO
                                                                                                          RC0402FR-07330KI
                                                                                                                                                                           R410
136
138
139
140
141
142
                1 0402,330K,1716W,1%
1 0402,47K0,1/16W,1%
1 BSS138L,MOSFET,N-CH,0.20A,50\
1 0402,1UF,35V,XSR,20%
1 INVTR,SGLE,1INPUT,SC705
                                                                        YAGEO
                                                                                                          RC0402FR-0747KI
                                                                                                                                                                           R408.R415.R250.R251.R252.R253.R254.R255.R256.R257.R258.R259
                                                                      FAIRCHLD
TDK
Texas Instrum
                                                                                                          BSS138L
C1005X5R1V105M050BC
SN74LVC1G06DCKR
ERJ-2RKF4022X
                                                                                                                                                                           R408,R415,
Q7
C495
U42
R420,R425
                  2 0402,40K2,1/10W,1%
                                                                       PANASONIC
143
                 2 0402,499R,1/10W,1%
                                                                       PANASONIC
                                                                                                          ERJ-2RKF4990X
                                                                                                                                                                           R418,R423
144
                 2 PNP.60V.600MA.SOT-23
                                                                       ON SEMICONDUCTOR
                                                                                                         MMBT2907ALT1G
                                                                                                                                                                           08.09
                                                                                                                                                                           U35,U43
C102,C103,
U13
U47,U48,U49,U50
145
147
148
149
150
                 2 VOLTAGE REF, SHUNT, 1.24V-18\ Texas Instruments
                                                                                                          TI VH431AIDBZR

2 VOLTAGE REF, SHOWT, 1:24V-18V TEXAS INSTRUMENTS
2 0402,12PF,50V,COG/NPO,1%

1 VOLT,SUPERVISOR,3.3V,SOT23-6 Texas Instruments
4 IEC ESD Protection Diode Texas Instruments
2 Single 2-Input Positive-AND Gate Texas Instruments
                                                                                                         GRM1555C1H120FA01D
TPS3808G33DBVR
TPD4E05U06DQAR
SN74LVC1G08DCKR
                                                                                                                                                                           U44,U51 C510,C511,C512,C518,C519,C520,C522,C526,C527,C560,C561,C562,C547,C550,C549,C551,C556,C555,C586,C587,C588,C589,C590,
151
                                                                                                          GRM033R61C104KE84J
                26 0201.0.1uF.16V.X5R.10%
                                                                       Murara
                                                                                                                                                                           CS91,CS92,CS93
CS63,CS64,CS65,CS66,CS67,C568,CS69,CS70,CS71,CS72,CS73,C574,CS75,CS76,CS77,CS78,CS79,CS80
               26 0201,0.1uF,16V,XSR,10%

18 0402,1uF,16V,10%

16 0201,4.7pF,50V,0.25pF%

1 MICRO SD PUSH/PULL

4 0402,4700hm,1/16W,5%

2 0402,0.01uF,16V,X7R,10%
                                                                       Murara
Murata
Murata
Molex
Vishay
Murara
152
                                                                                                          GRT155R61C105KE01D
                                                                                                          GRM0335C1H4R7CA01D
                                                                                                                                                                           C529.C530.C531.C532.C533.C534.C535.C536.C537.C538.C539.C540.C541.C542.C543.C544
153
154
155
156
157
                                                                                                          GRM0335C1H4R/CA01U
104031-0811
CRCW0402470RJNED
GRM155R71C103KA01J
CRCW06030000Z0EA
                                                                                                                                                                           P12
R68,R69,R97,R98
C501,C585
R470,R471,R472,R473,R474,R475
                 6 0603,0R00,JUMPER
                                                                       Vishay
158
                 2 0402.11K.1/16.1%
                                                                       Vishav
                                                                                                          CRCW040211K0FKED
                                                                                                                                                                           R440.R441
                                                                       Vishay
Vishay
Vishay
Vishay
Kyocera
Murata
159
                 2 0402.10K.1/16.1%
                                                                                                          CRCW040210K0FKED
                                                                                                                                                                           R437.R476
                 2 0402,10K,1/16,1%
2 0402,4.7K,1/16,5%
1 0402,2.49K,1/16,1%
1 25.000 MHZ,8PF,SMD
5 IND 1UH 2.7A 78MOHM
5 0805,47uF,6.3V,20%
160
                                                                                                          CRCW04024K70INFD
                                                                                                                                                                           R468.R469
                                                                                                          CRCW04023K49FKFD
                                                                                                                                                                           R461
161
162
163
164
                                                                                                         CX3225SB25000D0FFFCC
1269AS-H-1R0M=P2
CL21A476MQCLRNC
                                                                                                                                                                           Y8
L6,L7,L8,L25,L26
C40,C42,C44,C583,C584
                                                                       Samsung
KEMET
                 1 1812,10nF,2kV,X7R,10%
165
                                                                                                          C1812C103KGRACTU
                                                                                                                                                                           C215
166
                 1 1812,1MOhm
1 RJ45 JACK W/LED
                                                                       Panasonio
                                                                                                          ERJ-U12F1004U
                                                                                                                                                                           R331
167
                                                                       Stewart Connector
                                                                                                          0845-2D1T-E4
                                                                                                                                                                           IS RADS C232 C233 C435 R20 R23 R38 R40 R45 R47 R49 R54 R55 R31 R200
                                                                                                                                                                           47 DO NOT INSTALL
```

1 RTC/CALENDAR,EEPROM,8TDFN MICROCHIP

MCP79410T-I/MNY

IMPORTANT NOTICE AND DISCLAIMER

TI PROVIDES TECHNICAL AND RELIABILITY DATA (INCLUDING DATASHEETS), DESIGN RESOURCES (INCLUDING REFERENCE DESIGNS), APPLICATION OR OTHER DESIGN ADVICE, WEB TOOLS, SAFETY INFORMATION, AND OTHER RESOURCES "AS IS" AND WITH ALL FAULTS, AND DISCLAIMS ALL WARRANTIES, EXPRESS AND IMPLIED, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT OF THIRD PARTY INTELLECTUAL PROPERTY RIGHTS.

These resources are intended for skilled developers designing with TI products. You are solely responsible for (1) selecting the appropriate TI products for your application, (2) designing, validating and testing your application, and (3) ensuring your application meets applicable standards, and any other safety, security, or other requirements. These resources are subject to change without notice. TI grants you permission to use these resources only for development of an application that uses the TI products described in the resource. Other reproduction and display of these resources is prohibited. No license is granted to any other TI intellectual property right or to any third party intellectual property right. TI disclaims responsibility for, and you will fully indemnify TI and its representatives against, any claims, damages, costs, losses, and liabilities arising out of your use of these resources.

TI's products are provided subject to TI's Terms of Sale (www.ti.com/legal/termsofsale.html) or other applicable terms available either on ti.com or provided in conjunction with such TI products. TI's provision of these resources does not expand or otherwise alter TI's applicable warranties or warranty disclaimers for TI products.

Mailing Address: Texas Instruments, Post Office Box 655303, Dallas, Texas 75265 Copyright © 2018, Texas Instruments Incorporated