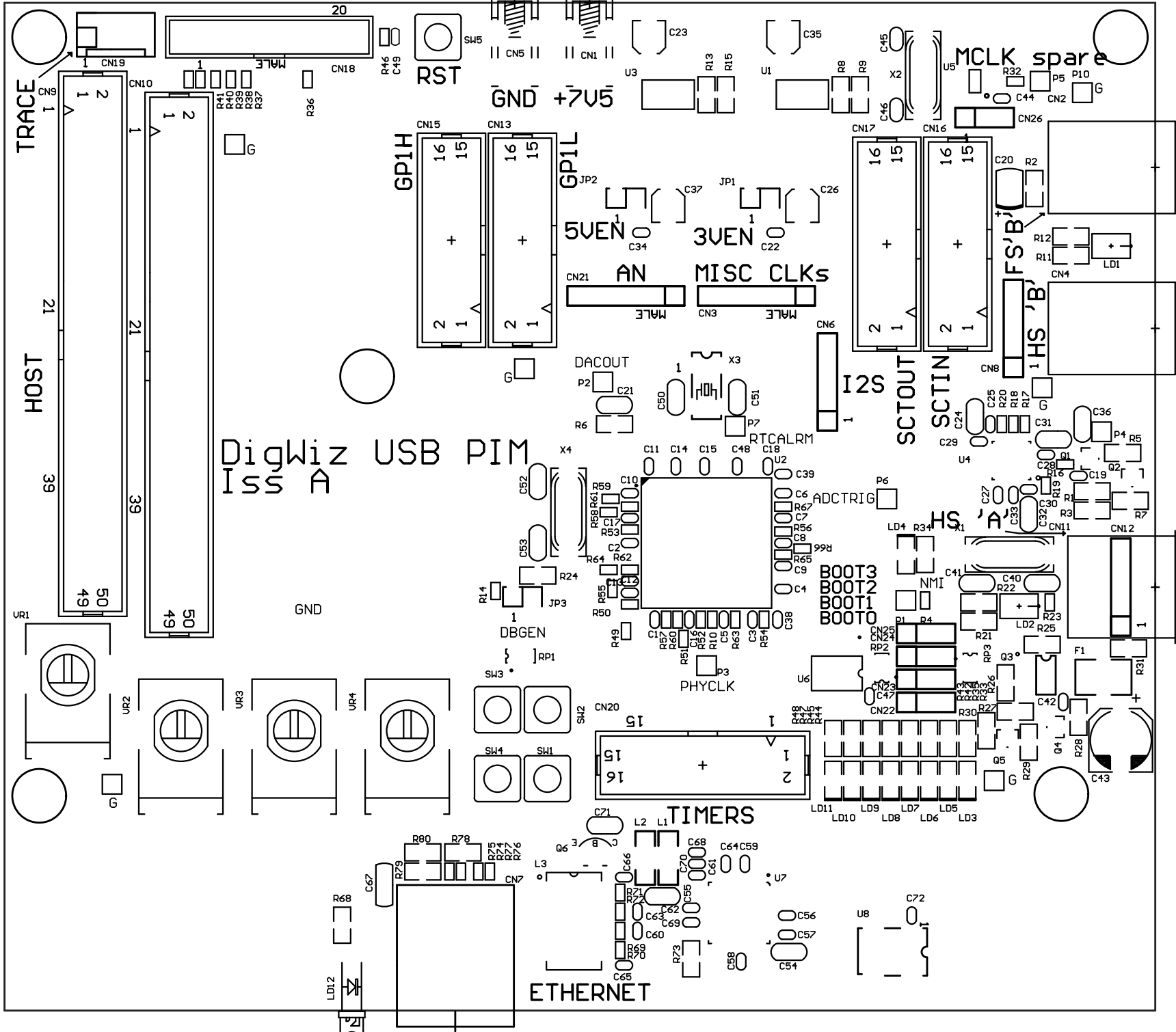


CN7	
E1MD0B_P	1
E1MD0B_N	2
E1MD1B_P	3
E1MD1B_N	4
RJ45B_P4	5
RJ45B_P5	6
E1MD1B_N	7
RJ45B_P7	8
E1MD0B_N	9
E1MD0B_P	10
CHASSIS	11
CHASSIS	12

ISSUE	BY	DATE	CHK BY



TRACE

HOST

DigWiz USB PIM
Iss A

GND +7V5

MCLK spare

GP1H

GP1L

AN MISC CLKs

SCTOUT
SCTIN

FS'B
HS'B

DACOUT

I2S

DBGEN

BOOT3
BOOT2
BOOT1
BOOT0

TIMERS

ETHERNET

UR1

UR2

UR3

UR4

UR5

SH3

SH4

TMS

L3

L2

L1

C68

C67

C66

C65

C64

C63

C62

C61

C60

C59

C58

C57

C56

C55

C54

C53

C52

C51

C50

C49

C48

C47

C46

C45

UR1

UR2

UR3

UR4

UR5

SH3

SH4

TMS

L3

L2

L1

C68

C67

C66

C65

C64

C63

C62

C61

C60

C59

C58

C57

C56

C55

C54

C53

C52

C51

C50

C49

C48

C47

C46

C45

USB Plug In Module PIM

Designator	Description	A&H PART
C1	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	AF6674
C2	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	AF6674
C3	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	AF6674
C4	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	AF6674
C5	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	AF6674
C6	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	AF6674
C7	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	AF6674
C8	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	AF6674
C9	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	AF6674
C10	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	AF6674
C11	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	AF6674
C12	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	AF6674
C13	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	AF6674
C14	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	AF6674
C15	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	AF6674
C16	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	AF6674
C17	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	AF6674
C18	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	AF6674
C19	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	AF6674
C20	CAPACITOR TANTALUM SMD 4.7uF 20V (AF3539)	AF3539
C21	CAPACITOR CERAMIC SMD0805 10N 50V (AF2849)	AF2849
C22	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	AF6674
C23	CAPACITOR ELECTROLYTIC SMD 1uF 50V (AF2995)	AF2995
C24	CAPACITOR CERAMIC SMD0805 10UF X7R 6.3V (AF8253)	AF8253
C25	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	AF6674
C26	CAPACITOR ELECTROLYTIC SMD 1uF 50V (AF2995)	AF2995
C27	CAPACITOR CERAMIC SMD0402 1N X7R 16V (AF8251)	AF8251
C28	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	AF6674
C29	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	AF6674
C30	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	AF6674
C31	CAPACITOR CERAMIC SMD0805 10UF X7R 6.3V (AF8253)	AF8253
C32	CAPACITOR CERAMIC SMD0805 10UF X7R 6.3V (AF8253)	AF8253
C33	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	AF6674
C34	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	AF6674
C35	CAPACITOR ELECTROLYTIC SMD 1uF 50V (AF2995)	AF2995
C36	CAPACITOR CERAMIC SMD0805 10UF X7R 6.3V (AF8253)	AF8253
C37	CAPACITOR ELECTROLYTIC SMD 1uF 50V (AF2995)	AF2995
C38	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	AF6674
C39	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	AF6674
C40	CAPACITOR CERAMIC SMD0805 22P (AF2992)	AF2992
C41	CAPACITOR CERAMIC SMD0805 22P (AF2992)	AF2992
C42	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	AF6674
C43	CAPACITOR ELECTROLYTIC SMD 100uF 50V (AF5734)	AF5734
C44	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	AF6674
C45	CAPACITOR CERAMIC SMD0603 22P (AF4829)	AF4829
C46	CAPACITOR CERAMIC SMD0603 22P (AF4829)	AF4829
C47	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	AF6674
C48	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	AF6674
C49	CAPACITOR CERAMIC SMD0402 1N X7R 16V (AF8251)	AF8251

C50	CAPACITOR CERAMIC SMD0805 12P 50V (AF3479)	AF3479
C51	CAPACITOR CERAMIC SMD0805 12P 50V (AF3479)	AF3479
C52	CAPACITOR CERAMIC SMD0805 22P (AF2992)	AF2992
C53	CAPACITOR CERAMIC SMD0805 22P (AF2992)	AF2992
C54	CAPACITOR CERAMIC SMD0805 10UF X7R 6.3V (AF8253)	AF8253
C55	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	AF6674
C56	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	AF6674
C57	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	AF6674
C58	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	AF6674
C59	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	AF6674
C60	CAPACITOR CERAMIC SMD0402 10N X7R 16V (AF8252)	AF8252
C61	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	AF6674
C62	CAPACITOR CERAMIC SMD0805 10UF X7R 6.3V (AF8253)	AF8253
C63	CAPACITOR CERAMIC SMD0402 10N X7R 16V (AF8252)	AF8252
C64	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	AF6674
C65	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	AF6674
C66	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	AF6674
C67	CAPACITOR CERAMIC SMD1206 1N0 1KV (AF5239)	AF5239
C68	CAPACITOR CERAMIC SMD0402 1N X7R 16V (AF8251)	AF8251
C69	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	AF6674
C70	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	AF6674
C71	CAPACITOR CERAMIC SMD0805 10UF X7R 6.3V (AF8253)	AF8253
C72	CAPACITOR CERAMIC SMD0402 100N 16V (AF6674)	AF6674
CN1	EARTH SCREW TERMINAL NARROW HORIZONTAL TYPE+ SCREW M3 (AA9000)	AA9000
CN2	USB_SKT TYPE B FEMALE TOBY-317A-04-PSB-1003 (AL6096)	AL6096
CN3	Connector IDC,Molex Type 0.1" Pitch SIL 6 pins (AL4304)	AL4304
CN4	USB_SKT TYPE B FEMALE TOBY-317A-04-PSB-1003 (AL6096)	AL6096
CN5	EARTH SCREW TERMINAL NARROW HORIZONTAL TYPE+ SCREW M3 (AA9000)	AA9000
CN6	SIL 5 M STRT (AL6363)	AL6363
CN7	RJ45_CON (AL4486)	AL4486
CN8	SIL 5 M STRT (AL6363)	AL6363
CN9	Connector IDC,Molex Type 0.1" Pitch 25x2 pins (AL5563)	AL5563
CN10	Connector IDC,Molex Type 0.1" Pitch 25x2 pins (AL5563)	AL5563
CN11	USB_SKT TYPE A FEMALE TOBY-317A-04-PSA-1003 (AL6629)	AL6629
CN12	SIL 5 M STRT (AL6363)	AL6363
CN13	Connector IDC,Molex Type 0.1" Pitch 8x2 pins (AL0562)	AL0562
CN15	Connector IDC,Molex Type 0.1" Pitch 8x2 pins (AL0562)	AL0562
CN16	Connector IDC,Molex Type 0.1" Pitch 8x2 pins (AL0562)	AL0562
CN17	Connector IDC,Molex Type 0.1" Pitch 8x2 pins (AL0562)	AL0562
CN18	BOX 2MM STRT MALE 20 WAY (AL8597)	AL8597
CN19	Connector IDC,Molex Type 0.1" Pitch SIL 4 pins (AL2831)	AL2831
CN20	Connector IDC,Molex Type 0.1" Pitch 8x2 pins (AL0562)	AL0562
CN21	Connector IDC,Molex Type 0.1" Pitch SIL 6 pins (AL4304)	AL4304
CN22	Connector IDC,Molex Type 0.1" Pitch SIL 3 pins (AL0320)	AL0320
CN23	Connector IDC,Molex Type 0.1" Pitch SIL 3 pins (AL0320)	AL0320
CN24	Connector IDC,Molex Type 0.1" Pitch SIL 3 pins (AL0320)	AL0320
CN25	Connector IDC,Molex Type 0.1" Pitch SIL 3 pins (AL0320)	AL0320
CN26	Connector IDC,Molex Type 0.1" Pitch SIL 3 pins (AL0320)	AL0320
F1	FUSE SMD POLYFUSE RESETTABLE 0.5A WICKMAN (AL6307)	AL6307
FID1	SMD FIDUCIAL	NO PART

FID2	SMD FIDUCIAL	NO PART
FID3	SMD FIDUCIAL	NO PART
JP1	SIL 2 pins SMD (TMS-102-01-L-SV) (AL5349)	AL5349
JP2	SIL 2 pins SMD (TMS-102-01-L-SV) (AL5349)	AL5349
JP3	SIL 2 pins SMD (TMS-102-01-L-SV) (AL5349)	AL5349
L1	FERRITE BEAD SMD1206 (AF2996)	AF2996
L2	FERRITE BEAD SMD1206 (AF2996)	AF2996
L3	XFRMR PULSE 10/100 1183 (AM7439)	AM7439
LD1	LED SUN SM DUAL G/Y (AE5945)	AE5945
LD2	LED SUN SM DUAL G/Y (AE5945)	AE5945
LD3	LED SMD SUN RED 1106 (AE5946)	AE5946
LD4	LED SMD SUN RED 1106 (AE5946)	AE5946
LD5	LED SMD SUN RED 1106 (AE5946)	AE5946
LD6	LED SMD SUN RED 1106 (AE5946)	AE5946
LD7	LED SMD SUN RED 1106 (AE5946)	AE5946
LD8	LED SMD SUN RED 1106 (AE5946)	AE5946
LD9	LED SMD SUN RED 1106 (AE5946)	AE5946
LD10	LED SMD SUN RED 1106 (AE5946)	AE5946
LD11	LED SMD SUN RED 1106 (AE5946)	AE5946
LD12	LED CYL SUN 3mm CLEAR BI-COL RED/YEL (AE8542)	AE8542
Q1	TRANSISTOR MOSFET P CHANNEL FDV304P (AE3556)	AE3556
Q2	TRANSISTOR NPN BC848B (AE3332)	AE3332
Q3	TRANSISTOR MOSFET IRF7416QPbF 30V 10A 0.02R(AE7932)	AE7932
Q4	TRANSISTOR NPN BC848B (AE3332)	AE3332
Q5	TRANSISTOR NPN BC848B (AE3332)	AE3332
Q6	TRANSISTOR PNP 2N4403 (AE0273)	AE0273
R1	RESISTOR CARBON SMD0805 0R0 5% (AC2838)	NO PART
R2	RESISTOR METAL FILM SMD0805 100R 1% (AC3054)	AC3054
R3	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	AC2841
R4	RESISTOR CARBON SMD0402 10K 1% (AC7359)	AC7359
R5	RESISTOR CARBON SMD0805 10R 5% (AC3027)	AC3027
R6	RESISTOR METAL SMD0805 820R 1% (AC5491)	AC5491
R7	RESISTOR METAL FILM SMD0805 1K0 1% (AC0369)	AC0369
R8	RESISTOR METAL FILM SMD0805 330R 1% (AC3056)	AC3056
R9	RESISTOR METAL FILM SMD0805 560R 1% (AC3057)	AC3057
R10	RESISTOR CARBON SMD0402 47R 1% (AC7281)	AC7281
R11	RESISTOR METAL FILM SMD0805 1K0 1% (AC0369)	AC0369
R12	RESISTOR METAL FILM SMD0805 1K0 1% (AC0369)	AC0369
R13	RESISTOR METAL FILM SMD0805 330R 1% (AC3056)	AC3056
R14	RESISTOR CARBON SMD0402 10K 1% (AC7359)	AC7359
R15	RESISTOR METAL FILM SMD0805 1K0 1% (AC0369)	AC0369
R16	RESISTOR CARBON SMD0402 1K0 1% (AC7404)	AC7404
R17	RESISTOR CARBON SMD0402 22R 1% (AC7352)	AC7352
R18	RESISTOR CARBON SMD0402 22R 1% (AC7352)	AC7352
R19	RESISTOR METAL SMD0402 12K 0.5% (AC8475)	AC8475
R20	RESISTOR CARBON SMD0402 10R 1% (AC7351)	AC7351
R21	RESISTOR METAL FILM SMD0805 1K0 1% (AC0369)	AC0369
R22	RESISTOR METAL FILM SMD0805 1K0 1% (AC0369)	AC0369
R23	RESISTOR CARBON SMD0402 0R0 (AC7350)	NO PART
R24	RESISTOR METAL SMD0805 12K 1% (AC5012)	AC5012

R25	RESISTOR CARBON SMD0805 0R0 5% (AC2838)	NO PART
R26	RESISTOR METAL FILM SMD0805 1K0 1% (AC0369)	AC0369
R27	RESISTOR CARBON SMD0805 10R 5% (AC3027)	AC3027
R28	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	AC2841
R29	RESISTOR METAL FILM SMD0805 10K 1% (AC2841)	AC2841
R30	RESISTOR METAL FILM SMD0805 1K0 1% (AC0369)	AC0369
R31	RESISTOR CARBON SMD0805 0R0 5% (AC2838)	AC2838
R32	RESISTOR CARBON SMD0402 47R 1% (AC7281)	AC7281
R33	RESISTOR CARBON SMD0805 470R 5% (AC3034)	AC3034
R34	RESISTOR CARBON SMD0805 470R 5% (AC3034)	AC3034
R35	RESISTOR CARBON SMD0805 470R 5% (AC3034)	AC3034
R36	RESISTOR CARBON SMD0402 10K 1% (AC7359)	AC7359
R37	RESISTOR CARBON SMD0402 10K 1% (AC7359)	AC7359
R38	RESISTOR CARBON SMD0402 10K 1% (AC7359)	AC7359
R39	RESISTOR CARBON SMD0402 10K 1% (AC7359)	AC7359
R40	RESISTOR CARBON SMD0402 0R0 (AC7350)	AC7350
R41	RESISTOR CARBON SMD0402 0R0 (AC7350)	AC7350
R42	RESISTOR CARBON SMD0805 470R 5% (AC3034)	AC3034
R43	RESISTOR CARBON SMD0805 470R 5% (AC3034)	AC3034
R44	RESISTOR CARBON SMD0805 470R 5% (AC3034)	AC3034
R45	RESISTOR CARBON SMD0805 470R 5% (AC3034)	AC3034
R46	RESISTOR CARBON SMD0402 10K 1% (AC7359)	AC7359
R47	RESISTOR CARBON SMD0805 470R 5% (AC3034)	AC3034
R48	RESISTOR CARBON SMD0805 470R 5% (AC3034)	AC3034
R49	RESISTOR CARBON SMD0402 47R 1% (AC7281)	AC7281
R50	RESISTOR CARBON SMD0402 47R 1% (AC7281)	AC7281
R51	RESISTOR CARBON SMD0402 47R 1% (AC7281)	AC7281
R52	RESISTOR CARBON SMD0402 47R 1% (AC7281)	AC7281
R53	RESISTOR CARBON SMD0402 47R 1% (AC7281)	AC7281
R54	RESISTOR CARBON SMD0402 47R 1% (AC7281)	AC7281
R55	RESISTOR CARBON SMD0402 47R 1% (AC7281)	AC7281
R56	RESISTOR CARBON SMD0402 47R 1% (AC7281)	AC7281
R57	RESISTOR CARBON SMD0402 47R 1% (AC7281)	AC7281
R58	RESISTOR CARBON SMD0402 47R 1% (AC7281)	AC7281
R59	RESISTOR CARBON SMD0402 47R 1% (AC7281)	AC7281
R60	RESISTOR CARBON SMD0402 47R 1% (AC7281)	AC7281
R61	RESISTOR CARBON SMD0402 47R 1% (AC7281)	AC7281
R62	RESISTOR CARBON SMD0402 47R 1% (AC7281)	AC7281
R63	RESISTOR CARBON SMD0402 47R 1% (AC7281)	AC7281
R64	RESISTOR CARBON SMD0402 47R 1% (AC7281)	AC7281
R65	RESISTOR CARBON SMD0402 47R 1% (AC7281)	AC7281
R66	RESISTOR CARBON SMD0402 47R 1% (AC7281)	AC7281
R67	RESISTOR CARBON SMD0402 47R 1% (AC7281)	AC7281
R68	RESISTOR CARBON SMD0805 68R 5% (AC4101)	AC4101
R69	RESISTOR CARBON SMD0402 49R9 1% (AC7357)	AC7357
R70	RESISTOR CARBON SMD0402 49R9 1% (AC7357)	AC7357
R71	RESISTOR CARBON SMD0402 49R9 1% (AC7357)	AC7357
R72	RESISTOR CARBON SMD0402 49R9 1% (AC7357)	AC7357
R73	RESISTOR CARBON SMD0805 2K0 5% (AC4694)	AC4694
R74	RESISTOR CARBON SMD0402 49R9 1% (AC7357)	AC7357

R75	RESISTOR CARBON SMD0402 49R9 1% (AC7357)	AC7357
R76	RESISTOR CARBON SMD0402 49R9 1% (AC7357)	AC7357
R77	RESISTOR CARBON SMD0402 49R9 1% (AC7357)	AC7357
R78	RESISTOR METAL FILM SMD0805 75R 1% (AC5416)	AC5416
R79	RESISTOR METAL FILM SMD0805 75R 1% (AC5416)	AC5416
R80	RESISTOR METAL FILM SMD0805 75R 1% (AC5416)	AC5416
RP1	SM RESISTOR PACK 10K x 4 5% 1206 CONC (AC4573)	AC4573
RP2	SM RESISTOR PACK 10K x 4 5% 1206 CONC (AC4573)	AC4573
RP3	SM RESISTOR PACK 10K x 4 5% 1206 CONC (AC4573)	AC4573
SW1	SW-PB TAIWAY SMD KRSM-6-2-67 (AL8193)	AL8193
SW2	SW-PB TAIWAY SMD KRSM-6-2-67 (AL8193)	AL8193
SW3	SW-PB TAIWAY SMD KRSM-6-2-67 (AL8193)	AL8193
SW4	SW-PB TAIWAY SMD KRSM-6-2-67 (AL8193)	AL8193
SW5	SW-PB TAIWAY SMD KRSM-6-2-67 (AL8193)	AL8193
U1	LD1117-ADJ SOT-223 (AE6931)	AE6931
U2	Info not available at time of print	
U3	LD1117-ADJ SOT-223 (AE6931)	AE6931
U4	USB3300 PHY SMSC HIGH SPEED (AE8526)	AE8526
U5	CS2200-CP Programmable Clock Generator (AE8520)	AE8520
U6	IC SMD 74AHC541PW OCTAL BUFFER/LINE DRIVERS (AE7596)	AE7596
U7	IC SMD ETHERNET PHY MARVELL 88E3015 (AE7403)	AE7403
U8	CRYSTAL OSC SMD 25MHz 3V3 XO91 (AE7229)	AE7229
VR1	POT ALPS VERT 11mm 10KB(RK11K1140A9L) (AI8493)	AI8493
VR2	POT ALPS VERT 11mm 10KB(RK11K1140A9L) (AI8493)	AI8493
VR3	POT ALPS VERT 11mm 10KB(RK11K1140A9L) (AI8493)	AI8493
VR4	POT ALPS VERT 11mm 10KB(RK11K1140A9L) (AI8493)	AI8493
X1	SMD CRYSTAL 24 MHz (AE7150)	AE7150
X2	SMD CRYSTAL 12 MHz (C-MAC-A132S) (AE6835)	AE6835
X3	SMD CRYSTAL 32.768KHz 6PF 90SMX(N) (AE6100)	AE6100
X4	SMD CRYSTAL 12 MHz (C-MAC-A132S) (AE6835)	AE6835