

Partlist exported from Z:/SVN_Checkout/PIC32-
EMZ64/Hardware/trunk/BRD/**PIC32-EMZ64_Rev_C**.sch at 23.02.2018 11:48:15

Qty	Value	Device
Parts		
1	PIC32MZ2048EFH064-I/PT(TQFP-64)	PIC32MZ0512EFE064-I/PT(TQFP-64)
U1		
1	0R(Board_Moiunted)	R-EU_R0402_TI_0R
R49		
3	0R(Board_Mounted)	R_0R0R(NA)
R16, R34, R55		
1	1.1k/1%	R-EU_R0603_5MIL_DWS
R15		
1	1N5819(S4SOD-123)	SCH0TKKY7.62SS-1N5819(S4SOD-123)
D2		
8	1k	R-EU_R0402_SMALL
R5, R17, R18, R27, R28, R29, R30, R52		
1	1nF/2kV/X7R/1206	C-EUC1206_5MILS_WS_ISO
C6		
4	1uF/16V	C-EUC0805_5MIL_DWS
C54, C55, C59, C60		
5	2.2k	R-EU_R0402_SMALL
R32, R42, R43, R45, R47		
4	2.2uF/6.3V	C-EUC0603_DWS
C20, C26, C29, C51		
1	2.2uH/1.5A/DCR<0.1R/CD32	L-CD32
L2		
2	4.7k	R-EU_R0402_SMALL
R50, R56		
2	4.99k/1%	R-EU_R0402_SMALL
R6, R21		
1	5V:Closed/3.3V:Opened	SJ2W7
5V/3.3V		
1	6NC2-50MHz(5032)	6NC2_CLOCK_DRIVER5032_4P
CD1		
11	10k	R-EU_R0402_SMALL
R3, R4, R8, R19, R24, R25, R26, R31, R41, R46, R48		
2	10uF/16V	C-EUC0805_5MIL_DWS
C56, C57		
2	12.1k/1%	R-EU_R0603_5MIL_DWS
R20, R51		
2	13k/1%	R-EU_R0402_SMALL
R9, R13		
4	20k	R-EU_R0402_SMALL
R1, R10, R14, R23		
4	22pF	C-EUC0402_SMALL
C8, C17, C18, C19		
7	22uF/6.3V	C-EUC0603_DWS
C7, C9, C14, C15, C30, C36, C48		
2	33nF	C-EUC0402_SMALL
C21, C22		
7	47uF/6.3V	C-EUC0805_5MIL_DWS
C2, C4, C24, C27, C43, C46, C66		
4	49.9R/1%	R-EU_R0402_SMALL
R36, R37, R38, R39		
23	100nF	C-EUC0402_SMALL
C1, C3, C5, C12, C13, C16, C23, C32, C34, C35, C37, C38, C39, C40, C41, C44, C45, C49, C50, C52, C61, C65, C82		
1	120R	R-EU_R1206_5MIL_WS
R22		
6	330R	R-EU_R0402_SMALL
R2, R7, R35, R40, R57, R63		
2	330k/1%	R-EU_R0603_5MIL_DWS
R11, R44		
1	470pF	C-EUC0603_DWS
C25		
2	BZV55C2V4	ZENER-DIODESOD80C
Z1, Z2		

1 F535L-24(24MHz/50ppm/5x3.2mm)	6NC2_CLOCK_DRIVER5032_4P
CD2	
8 FB0805/600R/2A	L-USL0805_5MIL_DWS
FB1, FB2, FB3, L1, L3, L4, L5, L6	
6 FIDUCIAL	FIDUCIAL
FID1, FID2, FID3, FID4, FID5, FID6	
1 GBH-254-SMT-10	ML10MD
UEXT	
3 HN1x3(DEV_DM:Closed/DEV_DP:Opened)	JP2E
DEV_DM/HOST_DM, DEV_DP/HOST_DP, DEV_ID/HOST_ID	
1 LAN8710A-EZC	LAN8710A-EZC
U6	
1 LCD_OLED_128X64(IR0P055-010-0128064-W)	LCD_OLED_128X64(IR0P055-010-0128064-W)-
BOTTOM_CONTACTS_DRILLING LCD	
1 LED/Green/0603	LEDLED-0603_TEST
LED1	
2 LED/Red/0603	LEDLED-0603_TEST
LED3, PWR_LED	
1 LED/Yello/0603	LEDLED-0603_TEST
LED2	
1 MCP601-I/SN(S0-8)	1AMP_P7+4D
U3	
1 MCP2562-E/SN	MCP2562-E/SN
U7	
4 NA	R-EU_R0402_SMALL
R12, R54, R58, R59	
1 NA(2.2k)	R-EU_R0402_SMALL
R33	
1 NA(2.2uF/6.3V)	C-EUC0603_DWS
C53	
1 NA(AP431SA)	TL431'''
SR1	
1 NA(HN1X2)	CON2HN1X2
PWR	
1 Open	SJSJ_SMALLER
CAN_T	
2 PJ-W47S-05D2-LF_V2	AUDIO_JACK_5PINPJ-W47S-05D2-LF_V2
HEADPHONES, MICROPHONE	
1 RA1206_(4X0603)-100k	R_MATRIX_4E
RM1	
2 RA1206_(4X0603)_4B8_1.5k	R_MATRIX_4E
RM2, RM3	
1 RJLBC-060TC1	RJLBC-060TC1_GND_MILLING
LAN	
1 SY6280(SOT23-5)	SY6280
U5	
1 SY8089AAAC(SOT23-5)	SY8008
U2	
4 T1107A(6X3,8X2,5MM)	SW-TAKTT1107A(6X3,8X2,5MM)
BUT1, BUT2, BUT3, RST	
1 TB3-3.5mm	CON33.5MM
CAN	
1 TESTPAD3	TESTPAD3
GND_PIN	
1 TFC-WPAPR-08	MICRO_SD/MMC_CP_NEWTFC-WPAPR-08
MICRO-SD	
1 TS4871(S0-8)	TS4871S0-8
U4	
1 USB_A	USB_SHIELD3
USB_HOST	
1 USB_MicroB(MISB-SWMM-5B_LF)	MINI_USB95P/F_TYPEB_DIP/A01SB141B1-261
USB_DEV	
1 WF6S	CON62.54-0-D
ICSP	