

Report Generated From Altium Designer

Value	Quantity	Comment	Footprint	Description	Designator	LibRef
	1	SN74LVC3G07-EP	VSSOP-8	Triple Buffer/Driver With Open-Drain Output	U12	SN74LVC3G07-EP
	3	ADG709	TSSOP16	CMOS Analog 4-Channel Multiplexer	U7_RTD_interface1, U7_RTD_interface2, U10	ADG709
	1	SN74AHC125-EP	TSSOP14_L	QUADRUPLE BUS BUFFER GATE WITH 3-STATE OUTPUTS	U14	SN74AHC125-EP
100u	8	Tantalum	Tantalum_cap_D	Polarized Capacitor (Radial)	C16, C17, C18, C19, C21, C22, C31, C32	Cap Pol1
100u/50V	1	Tantalum	Tantalum_cap_D	Polarized Capacitor (Radial)	C5	Cap Pol1
	1	Tact Switch	Tact Switch 3x6		S1	TactSwitch
LTC6079	2	LTC6079	SSOP-16	Rail-to-rail, quad operational amplifier. Library compatible with LTC608X LTC607X op-amps	U8_RTD_interface1, U8_RTD_interface2	LTC6079
TPS3813xxDBV	1	TPS3813xxDBV	SOT23-6	Processor Supervisory Circuits with Window-Watchdog.	U15	TPS3813xxDBV
	4	LM60	SOT23-3	Analog temperature sensor	U16_LM601, U16_LM602, U16_LM603, U16_LM604	LM60
	1	FM25W256	SOIC-8-N	256Kb (8k x 32) SPI F-RAM	U13	FM25W256
	2	AT45DB641E	SOIC-8-N	64-Mbit DataFlash (with Extra 2-Mbits)	U3_FLASH1, U3_FLASH2	AT45DB641E
FPF2700MX	4	FPF2700MX	SOIC-8-N	Adj over-current protection 0.4-2A, Load Switch	U2_Current_Limit_CH0, U2_Current_Limit_CH1, U2_Current_Limit_CH2, U2_Current_Limit_CH3	FPF2700MX
BAT165	1	BAT165	SOD323	Medium Power AF Schottky 750mA 40V Diode		BAT165
10	17	1206	SMD_Resistor_1_206	Resistor	R42, R43, R44, R45_FLASH1, R45_FLASH2, R46, R76_RTD_interface1, R76_RTD_interface2, R111_RTD_interface1, R111_RTD_interface2, R112, R117, R118, R119, R120, R125, R127	Res2
10	4	0805	SMD_Resistor_0_805	Resistor	R123_LM601, R123_LM602, R123_LM603, R123_LM604	Res2
100k	5	0805	SMD_Resistor_0_805	Resistor	R33, R34, R35, R36, R47	Res2
1k/1%	1	0805	SMD_Resistor_0_805	Resistor	R78	Res2
100	42	0603	SMD_Resistor_0_603	Resistor	R7, R8, R9, R10, R17, R18, R19, R20, R21, R22, R32, R58_RTD_interface1, R58_RTD_interface2, R59_RTD_interface1, R59_RTD_interface2, R60_RTD_interface1, R60_RTD_interface2, R67, R68, R69, R73, R93, R94, R95, R97, R98, R99, R100, R101, R102, R103, R104, R105, R106, R107, R108, R109, R110, R113, R114, R115, R116	Res2
100k	24	0603	SMD_Resistor_0_603	Resistor	R1_Current_Limit_CH0, R1_Current_Limit_CH1, R1_Current_Limit_CH2, R1_Current_Limit_CH3, R3_Current_Limit_CH0,	Res2

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					R3_Current_Limit_CH1, R3_Current_Limit_CH2, R3_Current_Limit_CH3, R30, R37, R61_RTD_interface1, R61_RTD_interface2, R62_RTD_interface1, R62_RTD_interface2, R63_RTD_interface1, R63_RTD_interface2, R87, R124_LM601, R124_LM602, R124_LM603, R124_LM604, R126, R137, R138	
1k	5	0603	SMD_Resistor_0 603	Resistor	R91, R92, R96, R121, R122	Res2
1k/0.1%	3	0603	SMD_Resistor_0 603	Resistor	R51_RTD_interface1, R51_RTD_interface2, R77	Res2
1k/1%	7	0603	SMD_Resistor_0 603	Resistor	R52_RTD_interface1, R52_RTD_interface2, R53_RTD_interface1, R53_RTD_interface2, R55_RTD_interface1, R55_RTD_interface2, R79	Res2
2.7k/0.1%	1	0603	SMD_Resistor_0 603	Resistor	R75	Res2
26.1k/0.1%	12	0603	SMD_Resistor_0 603	Resistor	R48_RTD_interface1, R48_RTD_interface2, R49_RTD_interface1, R49_RTD_interface2, R50_RTD_interface1, R50_RTD_interface2, R54_RTD_interface1, R54_RTD_interface2, R56_RTD_interface1, R56_RTD_interface2, R57_RTD_interface1, R57_RTD_interface2	Res2
47k	46	0603	SMD_Resistor_0 603	Resistor	R4, R5, R6, R11, R12, R13, R14, R15, R16, R23, R24, R25, R26, R27, R28, R29, R31, R38, R39, R40, R41, R64_RTD_interface1, R64_RTD_interface2, R65_RTD_interface1, R65_RTD_interface2, R66_RTD_interface1, R66_RTD_interface2, R70, R71, R72, R74, R84, R85, R86, R88, R89, R90, R128, R129, R130, R131, R132, R133, R134, R135, R136	Res2
500k/1%	4	0603	SMD_Resistor_0 603	Resistor	R2_Current_Limit_CH0, R2_Current_Limit_CH1, R2_Current_Limit_CH2, R2_Current_Limit_CH3	Res2
15R/1%	4	15R/1%	SMD_Resistor-shunt 2512	TE CONNECTIVITY 352115RFT RESISTOR, 2512, 2W, 15R, 1%	R80, R81, R82, R83	352115RFT
10u	1	ESR < 0.1 Ohm	SMD_Capacitor 1206	Capacitor	C26	Cap
10u	2	1206	SMD_Capacitor 1206	Capacitor	C24, C25	Cap

[illegible]

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	1	SOL_B	HDR1X2	Header, 2-Pin	P8	Header 2
	1	SOL_C	HDR1X2	Header, 2-Pin	P9	Header 2
	1	SOL_D	HDR1X2	Header, 2-Pin	P10	Header 2
2.4576MHZ	1	2.4576MHz	HC49U	AKER C-2.4576-18-3050-X	XT1	Crystal
z	1	ATmega325PA-AU	64A_N	8-bit AVR Microcontroller, 1.5-5.5V, 32KB Flash, 1KB EEPROM, 2KB SRAM, 64-pin TQFP, Industrial Grade (-40°C to 85°C)	U4	ATmega325PA-AU