





























Comment	Designator	Description	Footprint	Quantity
CPT10N	CON PROG-A-1	Connector	SMD_PGM_TOP	1
	CON PROG-B-1	Resistor	SMD_0603_RESC1608X5SN	1
	R1_1, R1_2, R1_1, R1_4, R1_9, R1_16	Resistor	SMD_0603_RESC1608X5SN	1
	R1_6, R1_7, R1_12, R1_13, R1_14	Resistor	SMD_0603_RESC1608X5SN	1
CPT11K	I1_1, I1_15, R1_16	Resistor	SMD_0603_RESC1608X5SN	1
OPT10K	R19	Resistor	SMD_0603_RESC1608X5SN	1
	C_220_1, C_220_2, C_220_3	Coupling Capacitor	C_220_1, C_220_2, C_220_3	3
	C_220_4, C_220_5, C_220_6	Coupling Capacitor	C_220_4, C_220_5, C_220_6	3
	C_220_7, C_220_8, C_220_9	Coupling Capacitor	C_220_7, C_220_8, C_220_9	3
	C_220_10, C_220_11, C_220_12	Coupling Capacitor	C_220_10, C_220_11, C_220_12	3
	C_220_13, C_220_14, C_220_15	Coupling Capacitor	C_220_13, C_220_14, C_220_15	3
	C_220_16, C_220_17, C_220_18	Coupling Capacitor	C_220_16, C_220_17, C_220_18	3
	C_220_19, C_220_20, C_220_21	Coupling Capacitor	C_220_19, C_220_20, C_220_21	3
	C_220_22, C_220_23, C_220_24	Coupling Capacitor	C_220_22, C_220_23, C_220_24	3
	C_220_25, C_220_26, C_220_27	Coupling Capacitor	C_220_25, C_220_26, C_220_27	3
	C_220_28, C_220_29, C_220_30	Coupling Capacitor	C_220_28, C_220_29, C_220_30	3
	C_220_31, C_220_32, C_220_33	Coupling Capacitor	C_220_31, C_220_32, C_220_33	3
	C_220_34, C_220_35, C_220_36	Coupling Capacitor	C_220_34, C_220_35, C_220_36	3
	C_220_37, C_220_38, C_220_39	Coupling Capacitor	C_220_37, C_220_38, C_220_39	3
	C_220_40, C_220_41, C_220_42	Coupling Capacitor	C_220_40, C_220_41, C_220_42	3
	C_220_43, C_220_44, C_220_45	Coupling Capacitor	C_220_43, C_220_44, C_220_45	3
	C_220_46, C_220_47, C_220_48	Coupling Capacitor	C_220_46, C_220_47, C_220_48	3
	C_220_49, C_220_50, C_220_51	Coupling Capacitor	C_220_49, C_220_50, C_220_51	3
	C_220_52, C_220_53, C_220_54	Coupling Capacitor	C_220_52, C_220_53, C_220_54	3
	C_220_55, C_220_56, C_220_57	Coupling Capacitor	C_220_55, C_220_56, C_220_57	3
	C_220_58, C_220_59, C_220_60	Coupling Capacitor	C_220_58, C_220_59, C_220_60	3
	C_220_61, C_220_62, C_220_63	Coupling Capacitor	C_220_61, C_220_62, C_220_63	3
	C_220_64, C_220_65, C_220_66	Coupling Capacitor	C_220_64, C_220_65, C_220_66	3
	C_220_67, C_220_68, C_220_69	Coupling Capacitor	C_220_67, C_220_68, C_220_69	3
	C_220_70, C_220_71, C_220_72	Coupling Capacitor	C_220_70, C_220_71, C_220_72	3
OPT220uf			SMD_1206_CAP325X279N	72
OPT7AUS13TDWG-103			SMD_SOT4, SOT79P0381K140-5N - DLV	1
OPT11B95CZDT-TR			SMD_T025145124H483-1_ANL_DPAK	1
LM7805	U2	Regulator	SMD_SOIC127P0201X17-8N	1
OPT53524	U1	OpAmp	SMD_D02Z_DAC_8N	1
	U1_1, U1_2, R1_1, R1_2	Resistor	SMD_0603_RESC1608X5SN	1
	U1_3, U1_4, R1_3, R1_4	Resistor	SMD_0603_RESC1608X5SN	1
	U1_5, U1_6, R1_5, R1_6	Resistor	SMD_0603_RESC1608X5SN	1
	U1_7, U1_8, R1_7, R1_8	Resistor	SMD_0603_RESC1608X5SN	1
	U1_9, U1_10, R1_9, R1_10	Resistor	SMD_0603_RESC1608X5SN	1
	U1_11, U1_12, R1_11, R1_12	Resistor	SMD_0603_RESC1608X5SN	1
	U1_13, U1_14, R1_13, R1_14	Resistor	SMD_0603_RESC1608X5SN	1
	U1_15, U1_16, R1_15, R1_16	Resistor	SMD_0603_RESC1608X5SN	1
	U1_17, U1_18, R1_17, R1_18	Resistor	SMD_0603_RESC1608X5SN	1
	U1_19, U1_20, R1_19, R1_20	Resistor	SMD_0603_RESC1608X5SN	1
	U1_21, U1_22, R1_21, R1_22	Resistor	SMD_0603_RESC1608X5SN	1
	U1_23, U1_24, R1_23, R1_24	Resistor	SMD_0603_RESC1608X5SN	1
	U1_25, U1_26, R1_25, R1_26	Resistor	SMD_0603_RESC1608X5SN	1
	U1_27, U1_28, R1_27, R1_28	Resistor	SMD_0603_RESC1608X5SN	1
	U1_29, U1_30, R1_29, R1_30	Resistor	SMD_0603_RESC1608X5SN	1
	U1_31, U1_32, R1_31, R1_32	Resistor	SMD_0603_RESC1608X5SN	1
	U1_33, U1_34, R1_33, R1_34	Resistor	SMD_0603_RESC1608X5SN	1
	U1_35, U1_36, R1_35, R1_36	Resistor	SMD_0603_RESC1608X5SN	1
	U1_37, U1_38, R1_37, R1_38	Resistor	SMD_0603_RESC1608X5SN	1
	U1_39, U1_40, R1_39, R1_40	Resistor	SMD_0603_RESC1608X5SN	1
	U1_41, U1_42, R1_41, R1_42	Resistor	SMD_0603_RESC1608X5SN	1
	U1_43, U1_44, R1_43, R1_44	Resistor	SMD_0603_RESC1608X5SN	1
	U1_45, U1_46, R1_45, R1_46	Resistor	SMD_0603_RESC1608X5SN	1
	U1_47, U1_48, R1_47, R1_48	Resistor	SMD_0603_RESC1608X5SN	1
	U1_49, U1_50, R1_49, R1_50	Resistor	SMD_0603_RESC1608X5SN	1
	U1_51, U1_52, R1_51, R1_52	Resistor	SMD_0603_RESC1608X5SN	1
	U1_53, U1_54, R1_53, R1_54	Resistor	SMD_0603_RESC1608X5SN	1
	U1_55, U1_56, R1_55, R1_56	Resistor	SMD_0603_RESC1608X5SN	1
	U1_57, U1_58, R1_57, R1_58	Resistor	SMD_0603_RESC1608X5SN	1
	U1_59, U1_60, R1_59, R1_60	Resistor	SMD_0603_RESC1608X5SN	1
	U1_61, U1_62, R1_61, R1_62	Resistor	SMD_0603_RESC1608X5SN	1
	U1_63, U1_64, R1_63, R1_64	Resistor	SMD_0603_RESC1608X5SN	1
	U1_65, U1_66, R1_65, R1_66	Resistor	SMD_0603_RESC1608X5SN	1
	U1_67, U1_68, R1_67, R1_68	Resistor	SMD_0603_RESC1608X5SN	1
	U1_69, U1_70, R1_69, R1_70	Resistor	SMD_0603_RESC1608X5SN	1
	U1_71, U1_72, R1_71, R1_72	Resistor	SMD_0603_RESC1608X5SN	1
	U1_73, U1_74, R1_73, R1_74	Resistor	SMD_0603_RESC1608X5SN	1
	U1_75, U1_76, R1_75, R1_76	Resistor	SMD_0603_RESC1608X5SN	1
	U1_77, U1_78, R1_77, R1_78	Resistor	SMD_0603_RESC1608X5SN	1
	U1_79, U1_80, R1_79, R1_80	Resistor	SMD_0603_RESC1608X5SN	1
	U1_81, U1_82, R1_81, R1_82	Resistor	SMD_0603_RESC1608X5SN	1
	U1_83, U1_84, R1_83, R1_84	Resistor	SMD_0603_RESC1608X5SN	1
	U1_85, U1_86, R1_85, R1_86	Resistor	SMD_0603_RESC1608X5SN	1
	U1_87, U1_88, R1_87, R1_88	Resistor	SMD_0603_RESC1608X5SN	1
	U1_89, U1_90, R1_89, R1_90	Resistor	SMD_0603_RESC1608X5SN	1
	U1_91, U1_92, U1_93, U1_94	Capacitor	C_220_1, C_220_2, C_220_3	3
	C_220_10, C_220_11, C_220_12	Capacitor	C_220_10, C_220_11, C_220_12	3
	C_220_13, C_220_14, C_220_15	Capacitor	C_220_13, C_220_14, C_220_15	3
	C_220_16, C_220_17, C_220_18	Capacitor	C_220_16, C_220_17, C_220_18	3
	C_220_19, C_220_20, C_220_21	Capacitor	C_220_19, C_220_20, C_220_21	3
	C_220_22, C_220_23, C_220_24	Capacitor	C_220_22, C_220_23, C_220_24	3
	C_220_25, C_220_26, C_220_27	Capacitor	C_220_25, C_220_26, C_220_27	3
	C_220_28, C_220_29, C_220_30	Capacitor	C_220_28, C_220_29, C_220_30	3
	C_220_31, C_220_32, C_220_33	Capacitor	C_220_31, C_220_32, C_220_33	3
	C_220_34, C_220_35, C_220_36	Capacitor	C_220_34, C_220_35, C_220_36	3
	C_220_37, C_220_38, C_220_39	Capacitor	C_220_37, C_220_38, C_220_39	3
	C_220_40, C_220_41, C_220_42	Capacitor	C_220_40, C_220_41, C_220_42	3
	C_220_43, C_220_44, C_220_45	Capacitor	C_220_43, C_220_44, C_220_45	3
	C_220_46, C_220_47, C_220_48	Capacitor	C_220_46, C_220_47, C_220_48	3
	C_220_49, C_220_50, C_220_51	Capacitor	C_220_49, C_220_50, C_220_51	3
	C_220_52, C_220_53, C_220_54	Capacitor	C_220_52, C_220_53, C_220_54	3
	C_220_55, C_220_56, C_220_57	Capacitor	C_220_55, C_220_56, C_220_57	3
	C_220_58, C_220_59, C_220_60	Capacitor	C_220_58, C_220_59, C_220_60	3
	C_220_61, C_220_62, C_220_63	Capacitor	C_220_61, C_220_62, C_220_63	3
	C_220_64, C_220_65, C_220_66	Capacitor	C_220_64, C_220_65, C_220_66	3
	C_220_67, C_220_68, C_220_69	Capacitor	C_220_67, C_220_68, C_220_69	3
	C_220_70, C_220_71, C_220_72	Capacitor	C_220_70, C_220_71, C_220_72	3
	C_220_73, C_220_74, C_220_75	Capacitor	C_220_73, C_220_74, C_220_75	3
	C_220_76, C_220_77, C_220_78	Capacitor	C_220_76, C_220_77, C_220_78	3
	C_220_79, C_220_80, C_220_81	Capacitor	C_220_79, C_220_80, C_220_81	3
	C_220_82, C_220_83, C_220_84	Capacitor	C_220_82, C_220_83, C_220_84	3
	C_220_85, C_220_86, C_220_87	Capacitor	C_220_85, C_220_86, C_220_87	3
	C_220_88, C_220_89, C_220_90	Capacitor	C_220_88, C_220_89, C_220_90	3
	C_220_91, C_220_92, C_220_93	Capacitor	C_220_91, C_220_92, C_220_93	3
	C_220_94, C_220_95, C_220_96	Capacitor	C_220_94, C_220_95, C_220_96	3
	C_220_97, C_220_98, C_220_99	Capacitor	C_220_97, C_220_98, C_220_99	3
	C_220_100, C_220_101, C_220_102	Capacitor	C_220_100, C_220_101, C_220_102	3
	C_220_103, C_220_104, C_220_105	Capacitor	C_220_103, C_220_104, C_220_105	3
	C_220_106, C_220_107, C_220_108	Capacitor	C_220_106, C_220_107, C_220_108	3
	C_220_109, C_220_110, C_220_111	Capacitor	C_220_109, C_220_110, C_220_111	3
	C_220_112, C_220_113, C_220_114	Capacitor	C_220_112, C_220_113, C_220_114	3
	C_220_115, C_220_116, C_220_117	Capacitor	C_220_115, C_220_116, C_220_117	3
	C_220_118, C_220_119, C_220_120	Capacitor	C_220_118, C_220_119, C_220_120	3
	C_220_121, C_220_122, C_220_123	Capacitor	C_220_121, C_220_122, C_220_123	3
	C_220_124, C_220_125, C_220_126	Capacitor	C_220_124, C_220_125, C_220_126	3
	C_220_127, C_220_128, C_220_129	Capacitor	C_220_127, C_220_128, C_220_129	3
	C_220_130, C_220_131, C_220_132	Capacitor	C_220_130, C_220_131, C_220_132	3
	C_220_133, C_220_134, C_220_135	Capacitor	C_220_133, C_220_134, C_220_135	3
	C_220_136, C_220_137, C_220_138	Capacitor	C_220_136, C_220_137, C_220_138	3
	C_220_139, C_220_140, C_220_141	Capacitor	C_220_139, C_220_140, C_220_141	3
	C_220_142, C_220_143, C_220_144	Capacitor	C_220_142, C_220_143, C_220_144	3
	C_220_145, C_220_146, C_220_147	Capacitor	C_220_145, C_220_146, C_220_147	3
	C_220_148, C_220_149, C_220_150	Capacitor	C_220_148, C_220_149, C_220_150	3
	C_220_151, C_220_152, C_220_153	Capacitor	C_220_151, C_220_152, C_220_153	3
	C_220_154, C_220_155, C_220_156	Capacitor	C_220_154, C_220_155, C_220_156	3
	C_220_157, C_220_158, C_220_159	Capacitor	C_220_157, C_220_158, C_220_159	3
	C_220_160, C_220_161, C_220_162	Capacitor	C_220_160, C_220_161, C_220_162	3
	C_220_163, C_220_164, C_220_165	Capacitor	C_220_163, C_220_164, C_220_165	3
	C_220_166, C_220_167, C_220_168	Capacitor	C_220_166, C_220_167, C_220_168	3
	C_220_169, C_220_170, C_220_171	Capacitor	C_220_169, C_220_170, C_220_171	3
	C_220_172, C_220_173, C_220_174	Capacitor	C_220_172, C_220_173, C_220_174	3
	C_220_175, C_220_176, C_220_177	Capacitor	C_220_175, C_220_176, C_220_177	3
	C_220_178, C_220_179, C_220_180	Capacitor	C_220_178, C_220_179, C_220_180	3
	C_220_181, C_220_182, C_220_183	Capacitor	C_220_181, C_220_182, C_220_183	3
	C_220_184, C_220_185, C_220_186	Capacitor	C_220_184, C_220_185, C_220_186	3
	C_220_187, C_220_188, C_220_189	Capacitor	C_220_187, C_220_188, C_220_189	3
	C_220_190, C_220_191, C_220_192	Capacitor	C_220_190, C_220_191, C_220_192	3
	C_220_193, C_220_194, C_220_195	Capacitor	C_220_193, C_220_194, C_220_195	3
	C_220_196, C_220_197, C_220_198	Capacitor	C_220_196, C_220_197, C_220_198	3
	C_220_199, C_220_200, C_220_201	Capacitor	C_220_199, C_220_200, C_220_201	3
	C_220_202, C_220_203, C_220_204	Capacitor	C_220_202, C_220_203, C_220_204	3
	C_220_205, C_220_206, C_220_207	Capacitor	C_220_205, C_220_206, C_220_207	3
	C_220_208, C_220_209, C_220_210	Capacitor	C_220_208, C_220_209, C_220_210	3
	C_220_211, C_220_212, C_220_213	Capacitor	C_220_211, C_220_212, C_220_213	3
	C_220_214, C_220_215, C_220_216	Capacitor	C_220_214, C_220_215, C_220_216	3
	C_220_217, C_220_218, C_220_219	Capacitor	C_220_217, C_220_218, C_220_219	3
	C_220_220, C_220_221, C_220_222	Capacitor	C_220_220, C_220_221, C_220_222	3
	C_220_223, C_220_224, C_220_225	Capacitor	C_220_223, C_220_224, C_220_225	3
	C_220_226, C_220_227, C_220_228	Capacitor	C_220_226, C_220_227, C_220_228	3
	C_220_229, C_220_230, C_220_231	Capacitor	C_220_229, C_220_2	