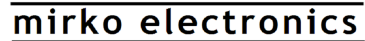


Project Number	2019mirk0037
Project Name	SFP Programmer
PCB Board Name	SFP_Prog
PCB Board Version	VER1
PCB Board Revision	REV1
Release State	DRAFT
Assembly Variant	None
PCB Project File Name	sfp_prog_ver1.PrjPcb
Creation Date	2019-12-14
Creation Time	04:37



Item #	Designator	Component Type	Value	Quantity	Package	Specification	Operating Temperature	Manufacturer	MPN	Supplier	Supplier MPN	Mounting Type	Layer
1	C100, C101, C102, C103, C104, C105	Capacitor	100nF	6	SMD 0603 (1608)	Capacitor, 100nF, 16V, X7R, 10%, SMD 0603	-55°C to +125°C	Yageo	CC0603KRX7R78B104	Farnell	CC0603KRX7R78B104	SMD	Top, Bottom
2	C106, C107, C108	Capacitor	10uF	3	SMD 0603 (1608)	Capacitor, 10uF, 10V, X5R, SMD 0603	-55°C to +85°C	AVX	0603ZD106KAT2A	Farnell	0603ZD106KAT2A	SMD	Top, Bottom
3	C109, C110	Electrolytic capacitor	220uF	2	SMD size D8 (6.6x6.6mm)	Electrolytic capacitor, 220uF, 16V, +20%, 2000h @ 105°C, low impedance, SMD size D package	-55°C to +105°C	Panasonic	EEEFK1C221XP	TME	EEEFK1C221XP	SMD	Top
4	D100, D102	LED Diode	Green	2	SMD 0603 (1608)	LED diode, green, 575nm, 60mcd, 140deg, 0603 package	-40°C to +85°C	Würth Elektronik GmbH	150060V555040	Würth Elektronik GmbH	150060V555040	SMD	Top
5	J100, J101	Connector	SFP connector	2	SMD SFP	SFP connector, SMD, 20 pin	-55°C to +85°C	TE Connectivity	1367073-1	Mouser	1367073-1	SMD	Top
6	J102	Connector	1761014-3	1	THT	SFP cage, 1x2, press fit	-55°C to +85°C	TE Connectivity	1761014-3	Mouser	1761014-3	THT	Top
7	J103	Connector	1x2 pin	1	THT	Connector, terminal block, 1x2 pin, 3.18 inch, vertical, THT package	-40°C to +105°C	Würth Elektronik GmbH	691361100002	Würth Elektronik GmbH	691361100002	THT	Top
8	J104	Connector	1x2pin plug	1	THT	Connector, terminal block plug, 1x2 pin, 3.50 pitch, vertical, THT package	-40°C to +105°C	Würth Elektronik GmbH	691363110002	Würth Elektronik GmbH	691363110002	THT	Top
9	R100, R101, R105	Resistor	1kΩ	3	SMD 0603 (1608)	Resistor, 1 kΩ, 1%, SMD 0603	-55°C to +155°C	Yageo	RC0603FR-071K0L	TME	RC0603FR-07100RL	SMD	Bottom
10	R103, R104	Resistor	100R	3	SMD 0603 (1608)	Resistor, 100R, 1%, SMD 0603	-55°C to +155°C	Yageo	RC0603FR-07100RL	TME	RC0603FR-07100RL	SMD	Bottom
11	U100	IC	MC1P1265-3302E	1	DOPAK-3 (170-263-3)	LDO voltage regulator, low quiescent current, 3.3V, 1A, DOPAK-3 package	-40°C to +125°C	Microchip Technology	MC1P1265-3302E/EB	Mouser	MC1P1265-3302E/EB	SMD	Top
12	U101	IC	MC1P1265-3302E	1	DOPAK-3 (170-263-3)	LDO voltage regulator, low quiescent current, 3.3V, 1A, DOPAK-3 package	-40°C to +125°C	Microchip Technology	MC1P1265-3302E/EB	Mouser	MC1P1265-3302E/EB	SMD	Top
13	U103	IC	TC4953S	1	TSOP24	16-to-1C and SMBus (U) Expander with Interrupt Output	-40°C to +85°C	Texas Instruments	TC4953SPWR	Farnell	TC4953SPWR	SMD	Top
14	X100	Crystal	25MHz	1	SMD 3225X	25.000 MHz crystal, 3.2x2.5mm SMD, ABM8W series, 8pf, tol. 10ppm, stab. 20ppm	-40°C to +85°C	Abracon	ABMW-25.000MHZ-8-D1X-13	Farnell	ABMW-25.000MHZ-8-D1X-13	SMD	Top