

FPF1004 Demo Board

Literature number#730019-001

FPF1004 is a demo board for Fairchild semiconductor **FPF1004** load switch.

1. Demo Board Specifications

FPF1004 demo board has the components and circuitry to demonstrate basic functions of the FPF1004 load switch. The board is designed for the maximum thermal performance.

The operation input voltage range is 1.5V to 5.5V. Board size is 1 x 0.5 inch square.

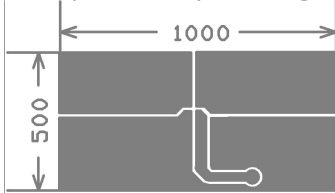


Figure 1: Top Layer

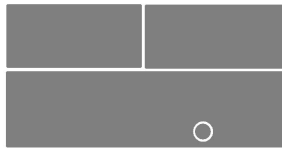


Figure 2: Bottom Layer

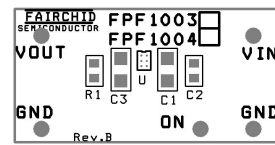
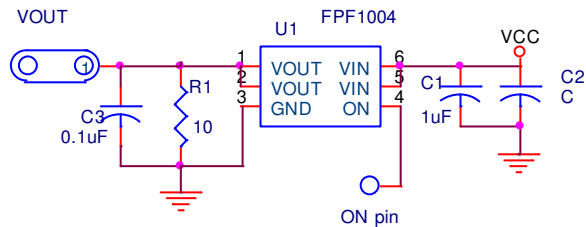


Figure 3: SST and SMT

2. Demo Board Schematic



3. Demo Board Bill of Materials (BOM)

Item	Quantity	Reference	Part	Mfg/ Description
1	1	C1	1UF	CAP CERAMIC 1UF 25V X5R 0805
2	1	C3	0.1UF	CAP .1UF 16V CERAMIC X7R 0603
3	1	R1	10Ω	RES 10 OHM 1/10W 1% 0603 SMD
7	1	U1	FPF1004	Fairchild Semiconductor
8	4	VOUT, VIN, GND, ON	Header	CONN HEADER 36POS .100 VERT TIN

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