

Spur v1.0 BOM													
Qty.	Refdes	Description	Value	Rating	Package	Manufacturer	Manufacturer P/N	Digikey P/N	Unit Price @ Qty 1	Price @ Qty 1	Unit Price @ Qty 100	Price @ Qty 100	Notes
1	PCB1	Bare PCB											
1	U2	SPI NOR flash 1MiB			8-UDFN	Adesto	AT25SF081B-MAHB-T	1265-AT25SF081B-MAHB-TCT-ND	\$0.40000	\$0.40	\$0.32560	\$0.33	
1	U3	STM32F4 128Kb flash			48-UFQFN	STmicro	STM32F401CBU6	497-17425-ND	\$4.96000	\$4.96	\$3.64690	\$3.65	
1	U1	LDO adj. 150mA			SOT-353	Microchip	MIC5377YC5-TR	576-3358-1-ND	\$0.26000	\$0.26	\$0.20000	\$0.20	
1	D3	ESD diode 2 CH			SOT-886	Nexperia	PRTR5V0U2F,115	1727-4161-1-ND	\$0.49000	\$0.49	\$0.25500	\$0.26	
1	D1	ESD zener diode			0402	ON Semi	NSPU3051N2T5G	NSPU3051N2T5GOSCT-ND	\$0.36000	\$0.36	\$0.13440	\$0.13	
1	Y1	24MHz crystal, Cl 12pF			4-SMD	Murata	XRCGB24M000F1H03R0	490-18289-1-ND	\$0.44000	\$0.44	\$0.29100	\$0.29	
1	SW1	Slide switch SPDT				C&K	JS102000SAQN	401-2005-1-ND	\$0.71000	\$0.71	\$0.56960	\$0.57	
									Price @ Qty 1:	\$7.62	Price @ Qty 100:	\$5.42	