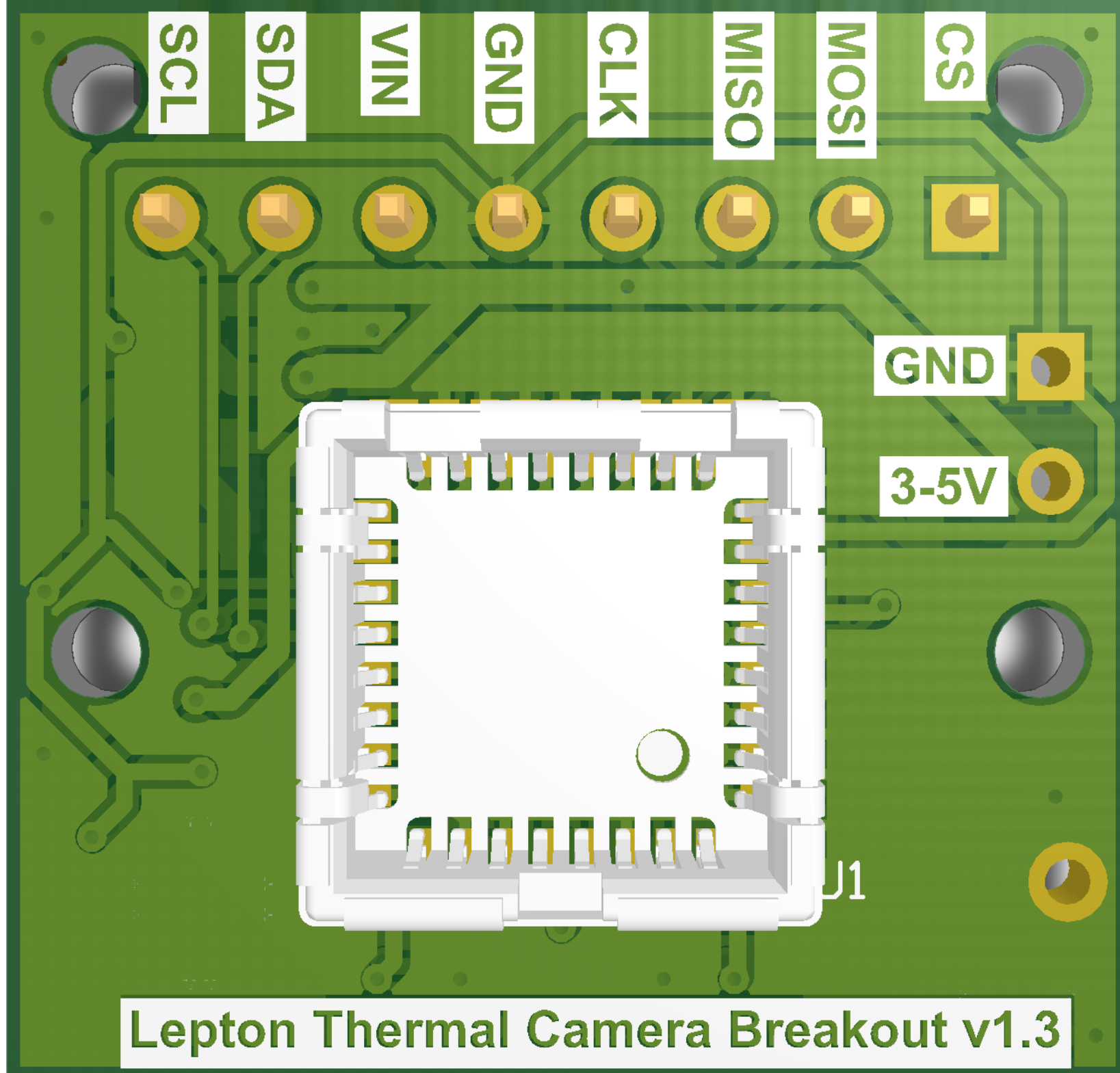


Description	Designator	DISTRIBUTOR	DISTRIBUTOR P/N	MANUFACTURER	MANUFACTURER P/N	Quantity	COST
Capacitor, Ceramic, 1uF, 16V, X7R, 0603	C1, C2, C3, C4, C11	DIGIKEY	490-5241-1-ND	MURATA	GCM188R71C105KA64D	5	.36
Capacitor, 0.1uF 16V X7R 10% 0402	C5, C6, C7, C8	DIGIKEY	490-3261-1-ND	MURATA	GRM155R71C104KA88D	4	.037
Capacitor, Ceramic, 10uF, 10V, X5R, 20%, 0603	C9, C10	DIGIKEY	587-2562-1-ND	Taiyo Yuden	LMK107BJ106MALTD	2	0.88
Diode, Rectifier 3A 30V	D1	DIGIKEY	SBR3U30PTDICT-1-ND	DIODES INC	SBR3U30P1-7	1	0.73
PI camera module	DNI1	NA	NA	NA	NA	1	0
FPC Connector, .5MM 10Pin SMD Black Flip Lock	J1	DIGI-KEY	WM1389CT-ND	Molex Inc	5034801000	1	1.08
Header, 8 pin 100 mil, Through Hole Right Angle	J2	DIGI-KEY	952-2249-ND	Harwin Inc	M20-9960845	1	.3
Header, 2 pin 100 mil, Through Hole	J3	DIGI-KEY	S1012E-02-ND	SULLINS	PEC02SAAN	1	0.61
INDUCTOR POWER 4.7UH 0.65A 1008	L1	DIGIKEY	1276-6218-1-ND	SAMSUNG	CIG22B4R7MNE	1	.28
Resistor, 100K Ohm, 1/16W 1% 0402 SMD	R3	DIGI-KEY	P100KLCT-ND	PANASONIC	ERJ-2RKF1003X	1	0.098
Resistor, 10K Ohm, 1/16W 1% 0402 SMD	R4	DIGI-KEY	P10.0KLCT-ND	PANASONIC	ERJ-2RKF1002X	1	0.098
CONN CAMERA SOCKET 8.5X8.5 SMD for FLIR Lepton Camera Module	U1	DIGI-KEY	WM6827CT-ND	Molex Inc	1050281001	1	1.93
IC REG LDO 2.8V 0.4A SOT23-5	U2, U3	DIGI-KEY	1219-1086-1-ND	Fremont Micro Devices USA	FT533GA	2	.40
IC REG BUCK 1.2V 0.4A SC70JW-8	U4	DIGIKEY	863-1493-1-ND	Skyworks Solutions Inc	AAT1146IJS-1.2-T1	1	.35
OSC MEMS 25.000	Y1	Digikey	535-11750-1-ND	Abracon Corporation	ASEMB-25.000MH	1	1.26



Lepton Thermal Camera Breakout v1.3

