



C12880MA
BREAKOUT+ 1.0

© PURE
ENGINEERING
LLC

LASER
LED
VIDEO
CLK
START
TRG
EOS
GND
GND
5V
3V3

COST	Designator	DISTRIBUTOR	DISTRIBUTOR P/N	MANUFACTURER	MANUFACTURER P/N	Quantity
.19	C1, C2, C4, C5	DIGIKEY	1276-1119-1-ND	Samsung	CL10A106MQ8NNN C	4
.037	C3, C6, C7, C8	DIGIKEY	490-3261-1-ND	MURATA	GRM155R71C104KA88D	4
0.73	D1, D2	DIGIKEY	SBR3U30P1DICT-ND	DIODES INC	SBR3U30P1-7	2
1	D3	SONY	SLD3134VL	SONY	SLD3134VL	1
.62	D4	DIGI-KEY	1510-1031-1-ND	Samsung LED	SPMWHT541MD5W ATMS3	1
.43	J1	Mouser	855-M20-9961246	Harwin Inc	M20-9961246	1
.28	L1	DIGIKEY	1276-6218-1-ND	SAMSUNG	CIG22B4R7MNE	1
0.098	R1, R5	DIGI-KEY	P100LCT-ND	PANASONIC	ERJ-2RKF1000X	2
0.098	R6	DIGI-KEY	P1.00MLCT-ND	PANASONIC	ERJ-2RKF1004X	1
0.098	R7	DIGI-KEY	P102KLCT-ND	PANASONIC	ERJ-2RKF1023X	1
.1	R8, R9	DIGI-KEY	P3.74KLCT-ND	PANASONIC	ERJ-2RKF3741X	2
.95	U1	DIGIKEY	1212-1045-ND	Preci-Dip	115-87-314-41-003101	1
.48	U2	DIGIKEY	MC74VHCT125ADTR GOSCT-ND	ON Semiconductor	MC74VHCT125ADTR G	1
.29	U3	MOUSER	579-MCP6001RT-E/OT	Microchip Technology	MCP6001RT-E/OT	1
1.05	U4	DIGIKEY	1028-1259-1-ND	Richtek Technology Corporation.	RT6150AGQW	1
.40	U5	DIGI-KEY	TCR2EE50LM(CTCT-ND	Toshiba Semiconductor and Storage	TCR2EE50,LM(CT	1
1.08	U6, U9	DIGI-KEY	CAT4004AHU2-GT3O	ON Semiconductor	CAT4004AHU2-GT3	2