

ORDERING INFORMATION

BILL OF MATERIALS

Table 4.

Qty	Name	Description	Reference Designator	Mfg. Part Number	Manufacturer
4	IC	AD8021ARZ	A1 to A4	AD8021ARZ	Analog Devices, Inc.
23	Capacitor	0.1 μ F, 16 V, 0603, X7R	C1, C4, C5, C6, C9, C11, C12, C13, C14, C17, C24, C36, C41, C42, C44, C45, C46, C47, C48, C49, C50, C51, C52	C0603C104K4RACTU	KEMET Corporation
2	Capacitor	22 pF, 50 V, 5%, 0603	C2, C3	ECJ-1VC1H220J	Panasonic
2	Capacitor	10 μ F, 10 V, A size tantalum	C7, C8	T491A106M010AS	KEMET Corporation
4	Capacitor	2.2 nF, 50 V, X7R, 10%, 0603	C26, C29, C31, C32	ECJ-1VB1H222K	Panasonic
4	Capacitor	5 pF, 50 V, 0603	C27, C28, C30, C33	ECJ-1VC1H050C	Panasonic
2	Capacitor	0.018 μ F, 10%, 50 V, X7R, 0603	C39, C40	06035C183KAT2A	AVX Corp.
1	Capacitor	1 nF, 100 V, 10%, 0603, X7R	C43	ECJ-1VB2A102K	Panasonic
1	IC	AD8333 I/Q demodulator	DUT	AD8333ACPZ-WP	Analog Devices, Inc.
7	Connector	SMA female PC mount, RA	I1, I2, IN1, IN2, LOP, Q1, Q2	901-143-6RFX	Amphenol
7	Ferrite Bead	120 nH, 0603	L1, L2, L3, L4, L5, L6, L7	BLM18BA750SN1D	Murata Manufacturing Co.
1	Resistor	100 Ω , 1%, 1/16 W, 0603	R1	ERJ-3EKF1000V	Panasonic
6	Resistor	0 Ω , 5%, 1/10 W, 0603	R2, R3, R32, R33, R35, R38	ERJ-2GE0R00X	Panasonic
1	Resistor	3.48 k Ω , 1%, 1/10 W, 0603	R6	ERJ-3EKF3.48KV	Panasonic
1	Resistor	1.5 k Ω , 1%, 1/10 W, 0603	R7	ERJ3EKF1501V	Panasonic
2	Resistor	274 Ω , 1/16 W, 1%, 0603	R9, R10	ERJ-3EKF2740V	Panasonic
1	Resistor	49.9 Ω , 1%, 1/16 W, 0603	R13	ERJ-3EKF49R9V	Panasonic
4	Resistor	20 Ω , 1%, 1/10 W, 0603	R22, R23, R25, R26	ERJ3EKF20R0V	Panasonic
4	Resistor	787 Ω , 1/16 W, 1%, 0603	R39 to R42	ERJ-3EKF7870V	Panasonic
10	Header	3-pin 0.025" sq., 0.1" spacing	ENBL, PH10, PH11, PH12, PH13, PH20, PH21, PH22, PH23, RST	22-11-2032	Molex, Inc.
1	Test Loop	0.125" diameter, red	+5 V	TP-104-01-02	Components Corp.
4	Test Loop	0.125" diameter, black	GND1 to GND4	TP-104-01-00	Components Corp.
1	Test Loop	0.125" diameter, blue	–5 V	TP-104-01-06P	Components Corp.
5	Test Loop	0.125" diameter, purple	TP5 to TP8, RST	TP-104-01-07	Components Corp.
1	IC	VGA AD8332	Z1	AD8332ACPZ	Analog Devices, Inc.
1	IC	DRV LVDS dual differential signal 8-lead SOIC	Z3	DS90C401M	National Semiconductor
1	PC Board			09-A00941C	
4	Bumper		Mount to wiring side of board	SJ-67A11 (black)	3M
10	Jumper		Install at ENBL: top, PH10: top, PH11: top, PH12: top, PH13: top, PH20: bottom, PH21: bottom, PH22: bottom, PH23: bottom, RST: right; orient when board is in normal viewing position with IN1 and IN2 SMA connectors at left	65474-001	FCI