

TEXAS INSTRUMENTS									
Bill of Materials									
TIDEM004									
TIDA-00113									
Item	Part Reference	Description	Distributor	Distributor Part Number	Manufactured by	Part Number	Value	Quantity	PCB
1	C1-C61	CAP CERM .1UF 10% 10V	Digikey	478-1129-1-ND	AVX Corporation	0402ZD104KAT2A	100n	61	RESCAP-
2	C62-C66	CAP TANT 22UF 10V 20% 1206	Digikey	478-5798-1-ND	AVX Corporation	TAJA226M010RNJ	22uF	5	CAP-002-3216
3	C70-C73	CAP 0.22uF 25V CERAMIC 0402 SMD	Digikey	445-5944-1-ND	TDK Corporation	C1005VSR1E224K	22uF	4	c0402_n
4	CAL0,CALDLY0,DC1,K_RST+0,DCLK_RS	CONN HEADER VERT SGL 3POS GOLD	Digikey	3M9448-ND	3M	961103-6404-AR	HEADER 3	17	PLUG-003-SIL-XXX-02_54
	0_DDR_P#0,DE50,E								
	CEB0,FSR0,ONE-TO								
	ONE0,PD0,PD00,S								
	CANTEST0,TEST_A								
	0,TEST_B0,TPN0,VT								
	EST+0,VTEST1-0								
5	CALFA0,0,CALURND	CONN HEADER VERT SGL 2POS GOLD	Digikey	3M9447-ND	3M	961102-6404-AR	HEADER 2	14	PLUG-002-SIL-XXX-02_54
	.REFCLKIN0,REFCLK								
	ROUT1,REFCLKOUT								
	2,SCL0,SC380,SD								
	ATA-READ0,SDATA-								
	WRITE0,TDIO0E0,V								
	R00,VOM00,VNEG0								
	0,VNEG00								
6	J1,J5,J6,J15-J18	CONN SMA JACK END LAUNCH PCB	Digikey	J629-ND	Emerson Network Power Connectivity Solutions	142-0711-821	sma-3	7	SOCKET-003-SMA-SAM-JPH-STE M1
7	J7,J8,J11,J13	No Populate	No Populate	No Populate	No Populate	No Populate	E540SA Probe	4	E5387A_PROBE
8	J8,J10,J12,J14	SOCKET DOUBLE ROW .5MM 100PIN	SAMTEC	ASP-65067-01	SAMTEC	ASP-65067-01	Samtec ASP-65067-01	4	SOCKET-100-SAM-ASP-65067-01
9	P1-P4	Machine Screw, Round, #4-40 x 1/4, Nylon, Philips panhead & Standoff, Hex, 0.57L #4-40 Nylon	Digikey	H542-ND & 1902CK-ND	B&F Fastener Supply & Keystone	NY PMS 440 0025 PH & 1902C	PIN SOCKET SIL	4	
10	R1-R15	RES 1.00K OHM 1/10W 1% 0603 SMD	Digikey	P1.00KHCT-ND	Panasonic - ECG	ERJ-3EKF1001V	1k	15	RESCAP-002-0603
11	R16-R67,R70	RES 100 OHM 1/16W 1% 0402 SMD	Digikey	541-100LCT-ND	Vishay/Dale	CRCW0402100RFFKED	100	53	RESCAP-002-0402-PADS-RECT
12	REXT0,RTRIM0						n.m.	2	RES-002-0207
13	T2	Surface Mount RF Transformer 50 ohm 4.5 to 3000 MHz	Mini-Circuits	TC1-1-13MA+	Mini-Circuits	TC1-1-13MA+	Mini-Circuits TC1_1_13MA	1	mini-circuits-at24-1
14	U1	ADC 12-BIT 2 CHAN 1.8GSPS	TEXAS INSTRUMENTS	ADC12D1800RF	TEXAS INSTRUMENTS	ADC12D1800RF	ADC12D1800RF	1	socket_b
									ga_05_2
									92_b025
15	X1,X2,X3,X4,X5	Banana & Binding Post Connector RED	Mouser	16BJ381	Kobiconn	16BJ381	16BJ381	5	
16	X6,X7,X8	Banana & Binding Post Connector BLACK	Mouser	16BJ382	Kobiconn	16BJ382	16BJ382	3	

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