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Bill of Materials

TI DESIGNS

TIDA-0580

	1								
Item	Qty	Reference	Value	Part Description	Manufacturer	Manufacturer	Alter	PCB Footprint	Note
	11	0603YC104JAT2A	C1, C2, C3, C4, C5, C6, C7,	CAP, CERM, 0.1 µF, 16 V, +/- 5%, X7R, 0603		Part Number 0603YC104JAT2A	nate	0603	
1		06031C104JA12A	C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11	CAP, CERIN, 0.1 μ P, 18 V, +/- 5%, X/R, 0803		00031C104JA12A		0003	
2	19	LB Q39G-L2N2-35-1	D1, D2, D3, D4, D5, D6, D7,	LED, Blue, SMD		LB Q39G-L2N2-35-1		LB Q39G BLUE	
		800-10-005-10-001000	P1	Header, 100mil, 5x1, TH		800-10-005-10-		Mill-Max 800-10-005-10-	
3						001000		001000	
	6	CRCW04021K00FKED	R1, R2, R3, R4, R5, R6	RES, 1.00 k, 1%, 0.063 W, 0402		CRCW04021K00FK		0402	
4						ED			
-	2	CRCW04024K70JNED	R7, R8	RES, 4.7 k, 5%, 0.063 W, 0402		CRCW04024K70JN		0402	
5			D 40			ED		a 100	
6		CRCW040210K0JNED	R10	RES, 10 k, 5%, 0.063 W, 0402		CRCW040210K0JN		0402	
	19	CRCW0603100RJNEA	R12, R12, R13, R13, R14,	RES, 100, 5%, 0.1 W, 0603		CRCW0603100RJN EA		0603	
			R14, R15, R15, R16, R16, R17, R17, R18, R18, R19,			EA			
7			R19, R20, R21, R22						
	1	EVE-JBBF2020B	U1	ENCODER ROTARY 12MM 20PPR W/SW, TH		EVE-JBBF2020B		Panasonic EVE-	
8			-		Panasonic			JBBF2020B	
9	1	SN74LVC2G17QDCKRQ1	U2	Dual Schmitt Trigger Buffer, DCK0006A	TI	SN74LVC2G17QDC		DCK0006A_N	
	1	SN74LVC1G374DCKR	U3	Single D-Type Flip-Flop With 3-State Output,		SN74LVC1G374DC		DCK0006A_N	
10				DCK0006A		KR			
11		TCA9539RTWR	U4	Remote 16-Bit I2C and SMBus, Low-Power I/O		TCA9539RTWR		RTW0024B	
12		SN74LVC1G04DCKR	U5	Single Inverter Gate, DCK0005A		SN74LVC1G04QDC		DCK0005A_N	
	1	SN74LV393ATPWRQ1	U6	DUAL 4-BIT BINARY COUNTER, PW0014A		SN74LV393ATPWR		PW0014A_N	
13					ТІ	Q1			
14	1	SN74LV1T34DCKR	U8	Single Power Supply Single Buffer GATE CMOS	ті	SN74LV1T34DCKR		DCK0005A_N	
14	1	SN74LV1T04DCK	U9	Logic Level Shifter, DCK0005A SN74LV1T04 Single Power Supply Inverter Gate		SN74LV1T04DCK		DCK0005A N	
15		SN74LVII04DCK	09	CMOS Logic Level Shifter, DCK0005A	ті	SN74LVII04DOR		DCR0003A_N	
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