





Item #	ımn Name Error:Manufa	#Column Name Error:Manufacturer No Q	Quantity	#Column Name Error:Note	Designator	Description	Column Name Error:Footprit #Column Name Error:Comme	
1			2		C1, C2	22μF ±20% 16V Ceramic Capacitor X5R 1210 (3225 Metric)		CAP CER 22UF 16V X5R
2			8		C3. C4. C11. C12. C13.	0.10uF ±10% 50V Ceramic Capacitor X7R 0603 (1608 Metric)		1210 CAP CER 0.1UF 50V 10%
-			۰		C14, C16, C23	0.10µF ±10 % 50 V Ceramic Capacitor X/K 0003 (1008 Wettic)		X7R 0603
3			1		C5	10000pF ±5% 50V Ceramic Capacitor U2J 0603 (1608 Metric)		CAP CER 10nF 50V 5%
								X7R 0603
4			1		C6	6800pF ±10% 50V Ceramic Capacitor X7R 0603 (1608 Metric)		CAP CER 6800pF 50V 10%
								X7R 0603
5			2		C7, C8	22μF ±10% 6.3V Ceramic Capacitor X7R 1206 (3216 Metric)		CAP CER 22UF 6.3V X7R 1206
6			1		C9	10μF ±20% 25V Ceramic Capacitor X5R 0603 (1608 Metric)		ICAP CER 10uF 25V 20%
ŭ			·		00	Topic 22070 2017 Contained Capacitor Front Code (1000 Motilio)		X5R 0603
7			3		C10, C17, C18	4.7μF ±10% 25V Ceramic Capacitor X5R 0603 (1608 Metric)		CAP CER 4.7UF 25V 10%
								X5R 0603
8			1		C15	0.10µF ±10% 50V Ceramic Capacitor X7R 0603 (1608 Metric)		CAP CER 0.1UF 50V 10% X7R 0603
9			4		C19, C20, C21, C22	15pF ±5% 50V Ceramic Capacitor C0G, NP0 0603 (1608 Metric)		CAP CER 15PF 50V NPO
9			*		019, 020, 021, 022	TSPF 25 % 50 V Ceramic Capacitor CoG, NFO 0003 (1000 Metric)		0603
10			2		C24, C25	1μF ±10% 50V Ceramic Capacitor X7R 0603 (1608 Metric)		CAP CER 1UF 50V 10%
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11			1		D1	TVS DIODE 24VWM 70VC SOT23		TVS Diode
12			2		D2, D3	LED BLUE CLEAR 0603 SMD		LED_BLUE
13			1		D4	LED GREEN CLEAR 0603 SMD		LED_GREEN
14			1		D5	Red LED 0603		LED_RED
15			1		J1	10 Positions Header Connector 0.050" (1.27mm) Surface Mount Gold		10 Position 0.05" Header
						` '		Surface Mount
16			1		L1	560nH Shielded Multilayer Inductor 2.1A 80 mOhm Max 0806 (2016 Metric)		IND 560NH 2.1A 80 MOHM SMD
17			1		L2	15µH Shielded Wirewound Inductor 1.03A 220 mOhm Max 1919 (4848 Metric)		IND 15UH 1.03A 220 MOHM
18			1		P1	50 Position Connector Receptacle, Center Strip Contacts Surface Mount Gold		BergStak 50 Position
								Connector Receptacle
19			2		P2, P3	2 Positions Header, Shrouded Connector 0.079" (2.00mm) Surface Mount, Right Angle Tin		2 Position DuraClik CAN
								Connector
20			2		R1, R9	RES SMD 100K OHM 5% 1/10W 0603		RES 100K OHM 1/8W 5% 0603 SMD
21			1		R2	RES SMD 6.8K OHM 1% 1/10W 0603		RES 6.8k OHM 1% 1/10W
21			'		INE	INCO SINID CONCOLNIN 176 1710VV COCCS		0603 SMD
22			1		R3	RES SMD 26.1K OHM 1% 1/10W 0603		RES 26.1K OHM 1/10W 1%
								0603 SMD
23			1		R4	RES SMD 10K OHM 1% 1/10W 0603		RES SMD 10K OHM 1%
24			5		R5. R6. R7. R8. R10	RES SMD 510 OHM 5% 1/10W 0603		1/10W 0603 RES 510 OHM 1/10W 0603
			5		K5, K6, K7, K6, K10	RES SIND 510 ONIN 5% 1/10W 0003		SMD
25			4		TP1, TP2, TP3, TP4			Test Point
26			1		U1	Buck Switching Reg IC Positive Adjustable 0.925V 1 Output 2A 10-UFDFN Exposed Pad		AP65200FK-7 Buck
								Switching Regulator
27			1		U2			STM32F072CBT6_QFP
28			1		U3	1/1 Transceiver CAN 8-SOIC		TCAN332DR CAN
								Transceiver_SOT
29			1		U4			IC REG LDO 3V 0.2A 4- TDFN
20			1		V4	32MHz ±15ppm Crystal 8pF 50 Ohm -40°C ~ 85°C AEC-Q200 Surface Mount 4-SMD, No Lea	rd .	ICRYSTAL 32 MHz 4-SMD
30 31			4		V2		u e	CRYSTAL 32 MHZ 4-5MD
31			1		YZ	32.768kHz ±20ppm Crystal 6pF 50 kOhm -40°C ~ 85°C Surface Mount 4-SOJ, 5.50mm pitch		2-SMD
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