

ISTITUTO ITALIANO  
DI TECNOLOGIA

Preparato da: .....

Controllato da: .....

Approvato da: .....

14708 A (Alias:CTR1P\_PCA)  
CTR1P, IIT - Electronic board for pressure sensors

#	CODE	N.M.	QTY	REFDES	PACKAGE	CATEGORY	Value	Ranges	Tolerance	Pieces_quote d	Prepared			Description	Manuf	Manuf Code	Supplier	Supplier Code		
1	14699		1,00	U1	2717	AP	TCA9548A							1-to-8 I2C Multiplexer Breakout module, Adafruit	Adafruit	2717	MOUSER ELECTRONICS	485-2717		
#	CODE	N.M.	QTY	REFDES	PACKAGE	CATEGORY	Capacitance	Voltage	Tolerance	Dielectric	ESR	Rated RMS current	Temp	Description	Manuf	Manuf Code	Supplier	Supplier Code		
2	479		6,00	C1 C2 C3 C4 C5 C6	0603	C	10uF	6.3V	20%	X5R				Multilayer Ceramic Capacitor, 10uF, 6.3V, 20%, X5R, SMD, 0603	Avx	06036D106MAT2A	DIGI-KEY CORPORATION	478-5318-1-ND		
																Avx	06036D106MAT2A	FARNELL ITALIA S.R.L.	1833804	
																	Avx	06036D106MAT2A	MOUSER ELECTRONICS	581-06036D106MAT2A
																	TDK	C1608X5R0J106MT	RS COMPONENTS S.P.A.	741-4434
#	CODE	N.M.	QTY	REFDES	PACKAGE	CATEGORY	Value	Current	Impedence	Pieces_quote d	Prepared			Description	Manuf	Manuf Code	Supplier	Supplier Code		
3	504		1,00	TP1	TP-1206	CO	S1751-46							Test point, SMD, 1206	Harwin	S1751-46	FARNELL ITALIA S.R.L.	1022338		
4	709		1,00	J1	53261-0871	CO	53261-0871	1A						PCB connector, Picoblade, 8 contacts, 1 row, male, p.1.25mm, 90°, w to b, nolokey, key, SMD	Molex	53261-0871	RS COMPONENTS S.P.A.	542-7157		
5	1124		2,00	J2 J3	53261-0671	CO	53261-0671	1A						PCB connector, Picoblade, 6 contacts, 1 row, male, p.1.25mm, 90°, w to b, nolokey, key, SMD	Molex	53261-0671	FARNELL ITALIA S.R.L.	1125375		
#	CODE	N.M.	QTY	REFDES	PACKAGE	CATEGORY	Value	Ranges	Tolerance	Pieces_quote d	Prepared			Description	Manuf	Manuf Code	Supplier	Supplier Code		
6	14707.0		1,00	PCB		PCB	CTR1P_00				AM			CTR1P_00, IIT - Printed Circuit board for pressure sensors for Ventilator	IIT	14707				
#	CODE	N.M.	QTY	REFDES	PACKAGE	CATEGORY	Resistance	Power	Tolerance	Stability	Prepared			Description	Manuf	Manuf Code	Supplier	Supplier Code		
7	276		8,00	R2 R3 R4 R5 R6 R7 R8 R9	0603	R	4K7	0.1W	1%	250ppm				Resistor Thick Film, 4K7, 0.1W, 1%, SMD, 0603	Phycomp	232270464702	FARNELL ITALIA S.R.L.	9238565		
																Phycomp	232270464702	RS COMPONENTS S.P.A.	504-7357	
																Phycomp	RC0603FR-074K7L	DIGI-KEY CORPORATION	311-4.70KHRTR-ND	
#	CODE	N.M.	QTY	REFDES	PACKAGE	CATEGORY	Value	Supply_volta ge	Ranges	Pieces_quote d	Prepared			Description	Manuf	Manuf Code	Supplier	Supplier Code		
8	14697		1,00	S7	HSCDANN	SE	HSCDANN150 PG2A5							High Accuracy Compensated/Amplified pressure sensor, dry gases, 0/150 Psi, I2C, 5V, THD, DIP8	Honeywell	HSCDANN150PG2A5	MOUSER ELECTRONICS	785-HSCDANN150PG2A5		
9	14698		3,00	S1 S3 S4	HSCMAND	SE	HSCMAND16 OMD2A5							High Accuracy Compensated/Amplified pressure sensor, dry gases, +/- 160mbar, I2C, 5V, SMD	Honeywell	HSCMAND160MD2A5	MOUSER ELECTRONICS	785-HSCMAND160MD2A5		
#	CODE	N.M.	QTY	REFDES	PACKAGE	CATEGORY	Value							Description	Manuf	Manuf Code	Supplier	Supplier Code		
10	4270	X	3,00	H1 H2 H3	MH3	FAST	M3 Metallized hole							PCB hole, metallized, for M3 thread	IIT	4270	IIT FACILITY	EDL 4270		
#	CODE	N.M.	QTY	REFDES	PACKAGE	CATEGORY	Resistance	Power	Tolerance	Stability	Prepared			Description	Manuf	Manuf Code	Supplier	Supplier Code		
11	289	X	1,00	R1	0805	R	0R	0.125W	1%	200ppm				Resistor Thick Film, 0R, 0.125W, 1%, SMD, 0805	Phycomp	232273091002	FARNELL ITALIA S.R.L.	9233750		