RefDes	Value	Name	
C1	Optional 10nF	CAP_0805	
D1	Zener >12V	PMEG1020EA	
J1		ED555/2DS	
J2		90131-0121	
Q1	Any NPN	MMBT3904	
R1	62KOhm	RES_0805	
R2	20KOhm	RES_0805	
R3		RES_0805	
R4		RES_0805	
U1		MCP4725SOT-	-23
U2		XTR115-SOICB	
U3		JUMPER-PAD-	3-NOYES_SILK
U4		JUMPER-PAD-	3-NOYES_SILK
U5		EEPROM-CAT2	24C256WI-GT3(SOIC8)
U6		JUMPER-PAD-	3-NOYES_SILK
U7		JUMPER-PAD-	3-NOYES_SILK GPIOSCL GPIOTX
U8		JUMPER-PAD-	3-NOYES_SILK P105 GPIORX 13 13 15 GPIORX 14 15 GPIORX 15 GPIOMISO GPIOMOSI GPIOROSI
U9		JUMPER-PAD-	3-NOYES_SILK 2-3 GPI011 GPI0A5 19 10 10 10 10 10 10 10 10 10 10 10 10 10
U10		FEATHERWING.	NODIM
U14		M12PTH	R3 GND 3 AREF 3 2 2 1 AREF 3 2 4 AREF 3 AREF 4 AREF 3 AREF 3 AREF 4 AREF 3 AREF 4 ARE
U15		M12PTH	RESET TO THE PART OF THE PART
U16		M04PTH	
		U P P P P P P P P P P P P P P P P P P P	U5 2 1 W 7 3 12 SC 6 4 SDA VDD 3 4 SS SDA 5 5 SCL VSS 2 AO VOUT 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1