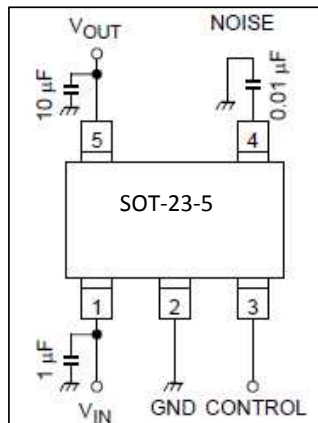


Designator	Qty.	Value/Description	Package	Manufacture	Manufacturer P/N	Supplier	Supplier P/N
C1	1	CAP CER 1uF 25V	0805 (2012)				
C2	1	CAP CER 0.01uF 50V	0603 (1608)				
C3	1	CAP CER 10uF 25V	0805 (2012)				
C4	1	CAP CER 2.2uF 10V	0603 (1608)				
C5	1	CAP CER 4.7uF 25V	0805 (2012)				
C6	1	CAP CER 0.1uF 50V	0603 (1608)				
C7	1	CAP CER 4.7nF 50V	0603 (1608)				
C8, C9	2	CAP CER 22uF 10V	0805 (2012)				
C10	1	CAP CER 100uF 10V	1206 (3216)				
L1	1	3.3uH 2.4A	-	Bourns	SRN5020-3R3M		
P1, P4	2	CONNECTOR 2pin	-	Molex	22-04-1021		
P2	1	Pin header 2.54mm 2pin	-				
P3	1	Pin header 2.54mm 6pin	-				
Q1	1	DTC144EE	SOT-416	ON Semiconductor	DTC144EET1G		
R1, R2, R3	3	RES 10k ohm	0603 (1608)				
R4	1	RES 82k ohm	0603 (1608)				
R5	1	RES 15k ohm	0603 (1608)				
U1	1	TAR5SB33	SOT-23-5	Toshiba	TAR5SB33		
U2	1	ST1S10PHR	SOIC-8	STMicroelectronics	ST1S10PHR		
U3	1	PIC12F1822-E/SN	SOIC-8	Microchip	PIC12F1822-E/SN		

Alternative parts

AP2204K-3.3TRG1 can be used instead of TAR5SB33. In this case C2 is DNI. And Quiescent current is less than TAR5SB33

Toshiba TAR5SB33



Diodes AP2204

