



Comment	Description	Designator	Footprint	LibRef	Quantity
Test_Point	Test point, 2mm radius	-9V, +0.2965V, +5V, +9V, +12V, GND, V1, V2	TP_2MM	Test_Point	8
10uF	CAP, size 0603, 10uF	C1, C3	CAP_0603	01060310010	2
100nF	CAP, size 0603, 100nF	C2, C4, C9	CAP_0603	01060310410	3
22uF	V-Chip, D4 x H5.5mm, 22uF, 16V	C5	WCAP-ASLI_D4H5.5	865080340003	1
10uF	Dán	C6, C10	tu nhom 4 (b)	Tu Nhom 10uF 16V	2
1uF	CAP, size 0603, 1uF	C7, C8	CAP_0603	01060310510	2
220pF	Dán	C?	Tu 0603	Tu 0603 220pF 50V 10%	1
D Schottky	Schottky Diode	D1	SS34	D Schottky	1
LED SMD	LED	D2, D3, D4	LED_0805_Blue	LED SMD	3
SFH206K	photodiode, 850nm	D?	SFH206K	SFH206K	1
16V, 2.5A	Resettable Fuse, Size 1812, 8V, 2A	F1	Fuse_SMD_1812	061812200008	1
Jac DC	Jac DC input	JDC1	DC0	DCIN	1
LN2302LT1G	SOT-23-3, MOSFET kênh N, 20V, 2.3A	Q?	SOT95P240X120-3N	MOSFET	1
5.6k	RES, 5.6k Ohm, size 0603, 1%	R1, R2, R5	resistor_0603	0006035621	3
162k	Dán	R6	TRO SMD 0603	Tro 0603 1% 162k	1
10.2k	Dán	R7	TRO SMD 0603	tro 0603 1% 10.2k	1
12R	Dán	R8	Tro SMD 0805	tro 0805 1% 12R	1
0R	Dán	R?	tro smd 0603	Tro 0603 1% 0R	2
1k	Dán	R?	tro smd 0603	Tro 0603 1% 1k	2
2.7k	dán	R?	TRO SMD 0603	tro 0603 5% 2.7k	2
3.9k	Dán	R?	Tro SMD 0805	Tro 0805 1% 3.9k	1
4.7R	Dán	R?	TRO SMD 0603	Tro 0603 1% 4.7R	1
5.6k	Dán	R?	TRO SMD 0603	Tro 0603 1% 5.6k	1
10R	Dán	R?	Tro smd 0603	Tro 0603 5% 10R	2
62R	Dán	R?	TRO SMD 0603	Tro 0603 1% 62R	1
AMS1117-5V	AMS1117-5V, OUT 5V 1A.	U1	AMS1117-3.3V SOT223	AMS1117-5V	1
ICL7662CBA-T		U2	SOP 8	ICL7662CBA-T	1
78L09	78L09, OUT 9V, 0.1A	U3	SOT89	78L09	1
AD8237ARMZ	Micropower, Zero Drift, True Rail-to-Rail Instrumentation Amplifier	U?	AD8237ARMZ	AD8237ARMZ	1
OPA333	Op Amp Single Low Offset Voltage Amplifier R-R I/O $\pm 2.75V/5.5V$ 8-Pin SOIC Tube	U?	SOT23-5	OPA333	3