

BOM
REV

DATE	COMPANY	COMMENT 1	COMMENT 2
COMMENT 3	COMMENT 4	TOTAL PARTS 44 (Unique 21)	
Ref	Qty	Value	Footprint
[C] - Capacitors			
C8 C9	2	22pf	Capacitors_ThroughHole:C_Disc_D3_P2.5
C3 C4 C7 C6 C10 C11	6	100nf	Capacitors_ThroughHole:C_Disc_D3_P2.5
[CAN] -			
CAN1 S0	2	CONN_01X02	Terminal_Blocks:TerminalBlock_Pheonix_MPT-2.54mm_2pol
[CFilter] -			
CFilter1 CFliter1	2	1nf	Capacitors_ThroughHole:C_Disc_D3_P2.5
[Carga] -			
Carga1 Serial1	2	CONN_01X02	Pin_Headers:Pin_Header_Straight_1x02
[Crystal] -			
Crystal2	1	16Mhz	Crystals:Crystal_HC49-U_Vertical
[D] - Diodes			
D2 D3	2	1N4001	Diodes_ThroughHole:Diode_DO-35_SOD27_Horizontal_RM10
D1	1	4007	Diodes_ThroughHole:Diode_DO-35_SOD27_Horizontal_RM10
[D_TX] -			
D_TX1 D_RX1 LED_BLINK1	3	LED	LEDs:LED-5MM
[P] - Connectors			
P1 P2	2	CONN_01X03	Terminal_Blocks:TerminalBlock_Pheonix_MPT-2.54mm_3pol
[PIN_R] -			
PIN_R1 PIN_L1	2	CONN_01X15	Pin_Headers:Pin_Header_Straight_1x15
[Q] - Transistors			
Q1 Q2	2	BC808-40	TO_SOT_Packages_SMD:SOT-23
[R] - Resistors			
R1 R2	2	10k	Resistors_ThroughHole:Resistor_Horizontal_RM10mm
R3 R4 R8 R9 R10	5	1k	Resistors_ThroughHole:Resistor_Horizontal_RM10mm
R5	1	120	Resistors_ThroughHole:Resistor_Horizontal_RM10mm
[Relay] -			
Relay1 Relay2	2	Songle_SRD	Relays_ThroughHole:Relay_SANYOU_SRD_Series_Form_C
[S] -			
S1 S2	2	CONN_01X03	Pin_Headers:Pin_Header_Straight_1x03
[U] - Semiconductors			

U2	1	MCP2551-I/SN	Power_Integrations:SO-8
U1	1	MCP2515	Housings_SOIC:SOIC-18_7.5x11.6mm_Pitch1.27mm
U3	1	AMS1117	TO_SOT_Packages_SMD:SOT-223
U5 U4	2	ACS712	SMD_Packages:SOIC-8-N
BOM made with KICAD BOM WIZARD (Generated 29/6/2016 10:25:52 a. m.)			