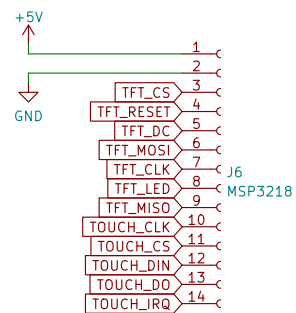
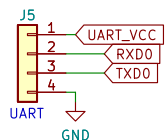
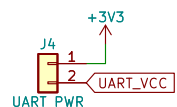
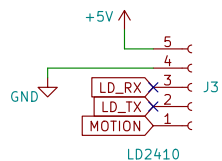
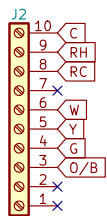
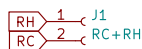
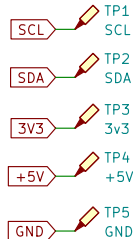


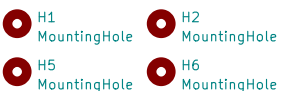
Connectors



Test Points



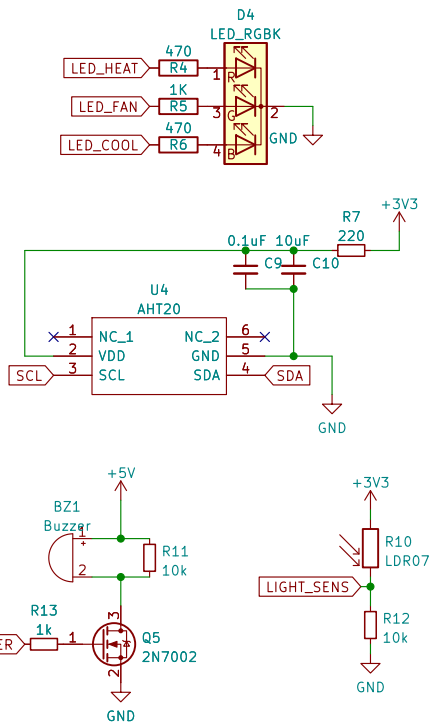
TFT Mounting Holes



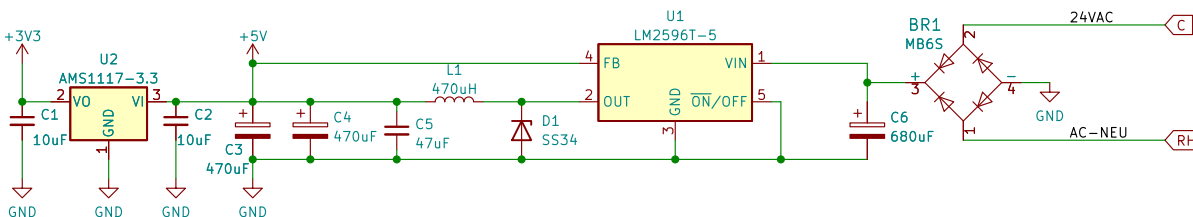
PCB Mounting Holes



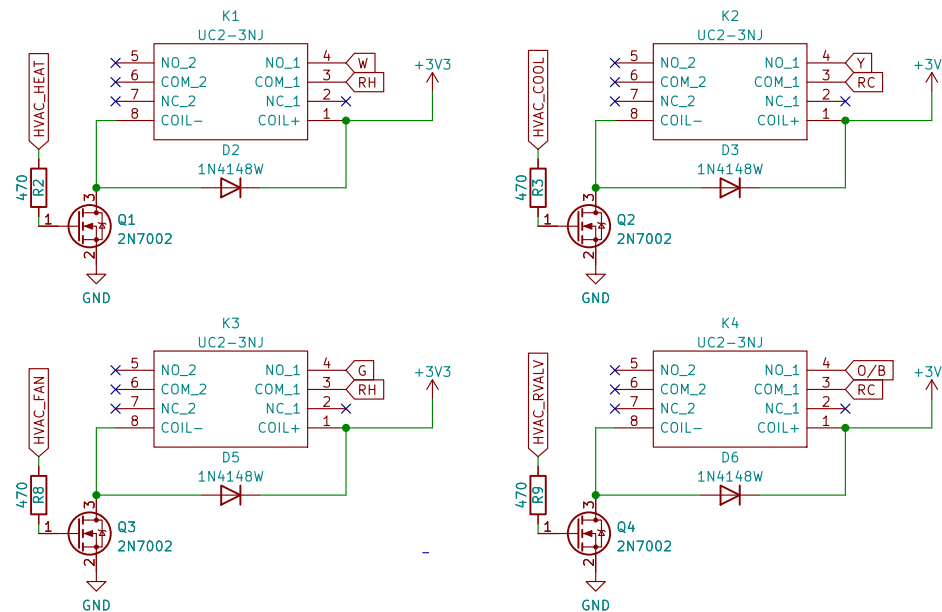
Sensors & Indicators



Power Supply



HVAC Relays



(C) 2023 Steven Meisner
steve@meisners.net

Steve Meisner

Sheet: /

File: Thermostat.kicad_sch

Title: Smart Thermostat

Size: A4 Date: 2023-06-22

KiCad E.D.A. kicad 6.0.11+dfsg-1-bpo11+1

Rev: 0.5.1

Id: 1/2

The schematic diagram shows the ESP32-S3-WROOM-1-N16 processor (U5) connected to various components. The processor is a yellow rectangle with pins labeled RXD0, TXD0, I00, I01, I02, I03, I04, I05, I06, I07, I08, I09, I10, I11, I12, I13, I14, I15, I16, I17, I18, I19, I20, I21, I22, I23, I24, I25, I26, I27, I28, I29, I30, I31, I32, I33, I34, I35, I36, I37, I38, I39, I40, I41, I42, I43, I44, I45, I46, I47, I48, I49, I50, I51, I52, I53, I54, I55, I56, I57, I58, I59, I60, I61, I62, I63, I64, I65, I66, I67, I68, I69, I70, I71, I72, I73, I74, I75, I76, I77, I78, I79, I80, I81, I82, I83, I84, I85, I86, I87, I88, I89, I90, I91, I92, I93, I94, I95, I96, I97, I98, I99, I100, I101, I102, I103, I104, I105, I106, I107, I108, I109, I110, I111, I112, I113, I114, I115, I116, I117, I118, I119, I120, I121, I122, I123, I124, I125, I126, I127, I128, I129, I130, I131, I132, I133, I134, I135, I136, I137, I138, I139, I140, I141, I142, I143, I144, I145, I146, I147, I148, I149, I150, I151, I152, I153, I154, I155, I156, I157, I158, I159, I160, I161, I162, I163, I164, I165, I166, I167, I168, I169, I170, I171, I172, I173, I174, I175, I176, I177, I178, I179, I180, I181, I182, I183, I184, I185, I186, I187, I188, I189, I190, I191, I192, I193, I194, I195, I196, I197, I198, I199, I200, I201, I202, I203, I204, I205, I206, I207, I208, I209, I210, I211, I212, I213, I214, I215, I216, I217, I218, I219, I220, I221, I222, I223, I224, I225, I226, I227, I228, I229, I230, I231, I232, I233, I234, I235, I236, I237, I238, I239, I240, I241, I242, I243, I244, I245, I246, I247, I248, I249, I250, I251, I252, I253, I254, I255, I256, I257, I258, I259, I260, I261, I262, I263, I264, I265, I266, I267, I268, I269, I270, I271, I272, I273, I274, I275, I276, I277, I278, I279, I280, I281, I282, I283, I284, I285, I286, I287, I288, I289, I290, I291, I292, I293, I294, I295, I296, I297, I298, I299, I300, I301, I302, I303, I304, I305, I306, I307, I308, I309, I310, I311, I312, I313, I314, I315, I316, I317, I318, I319, I320, I321, I322, I323, I324, I325, I326, I327, I328, I329, I330, I331, I332, I333, I334, I335, I336, I337, I338, I339, I340, I341, I342, I343, I344, I345, I346, I347, I348, I349, I350, I351, I352, I353, I354, I355, I356, I357, I358, I359, I360, I361, I362, I363, I364, I365, I366, I367, I368, I369, I370, I371, I372, I373, I374, I375, I376, I377, I378, I379, I380, I381, I382, I383, I384, I385, I386, I387, I388, I389, I390, I391, I392, I393, I394, I395, I396, I397, I398, I399, I400, I401, I402, I403, I404, I405, I406, I407, I408, I409, I410, I411, I412, I413, I414, I415, I416, I417, I418, I419, I420, I421, I422, I423, I424, I425, I426, I427, I428, I429, I430, I431, I432, I433, I434, I435, I436, I437, I438, I439, I440, I441, I442, I443, I444, I445, I446, I447, I448, I449, I450, I451, I452, I453, I454, I455, I456, I457, I458, I459, I460, I461, I462, I463, I464, I465, I466, I467, I468, I469, I470, I471, I472, I473, I474, I475, I476, I477, I478, I479, I480, I481, I482, I483, I484, I485, I486, I487, I488, I489, I490, I491, I492, I493, I494, I495, I496, I497, I498, I499, I500, I501, I502, I503, I504, I505, I506, I507, I508, I509, I510, I511, I512, I513, I514, I515, I516, I517, I518, I519, I520, I521, I522, I523, I524, I525, I526, I527, I528, I529, I530, I531, I532, I533, I534, I535, I536, I537, I538, I539, I540, I541, I542, I543, I544, I545, I546, I547, I548, I549, I550, I551, I552, I553, I554, I555, I556, I557, I558, I559, I560, I561, I562, I563, I564, I565, I566, I567, I568, I569, I570, I571, I572, I573, I574, I575, I576, I577, I578, I579, I580, I581, I582, I583, I584, I585, I586, I587, I588, I589, I590, I591, I592, I593, I594, I595, I596, I597, I598, I599, I600, I601, I602, I603, I604, I605, I606, I607, I608, I609, I610, I611, I612, I613, I614, I615, I616, I617, I618, I619, I620, I621, I622, I623, I624, I625, I626, I627, I628, I629, I630, I631, I632, I633, I634, I635, I636, I637, I638, I639, I640, I641, I642, I643, I644, I645, I646, I647, I648, I649, I650, I651, I652, I653, I654, I655, I656, I657, I658, I659, I660, I661, I662, I663, I664, I665, I666, I667, I668, I669, I670, I671, I672, I673, I674, I675, I676, I677, I678, I679, I680, I681, I682, I683, I684, I685, I686, I687, I688, I689, I690, I691, I692, I693, I694, I695, I696, I697, I698, I699, I700, I701, I702, I703, I704, I705, I706, I707, I708, I709, I710, I711, I712, I713, I714, I715, I716, I717, I718, I719, I720, I721, I722, I723, I724, I725, I726, I727, I728, I729, I730, I731, I732, I733, I734, I735, I736, I737, I738, I739, I740, I741, I742, I743, I744, I745, I746, I747, I748, I749, I750, I751, I752, I753, I754, I755, I756, I757, I758, I759, I760, I761, I762, I763, I764, I765, I766, I767, I768, I769, I770, I771, I772, I773, I774, I775, I776, I777, I778, I779, I780, I781, I782, I783, I784, I785, I786, I787, I788, I789, I790, I791, I792, I793, I794, I795, I796, I797, I798, I799, I800, I801, I802, I803, I804, I805, I806, I807, I808, I809, I810, I811, I812, I813, I814, I815, I816, I817, I818, I819, I820, I821, I822, I823, I

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